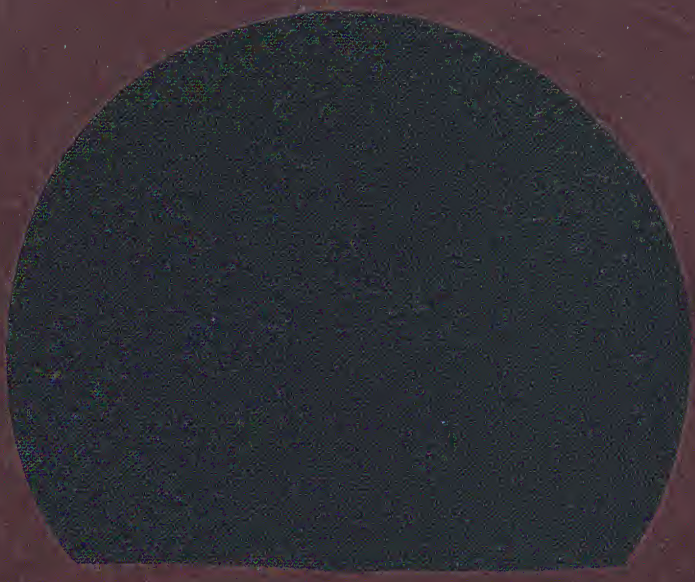
CATALOGUE NO. 50

"Cyclone"

Ready Painted

GLOVE FENCING PTY. LTD.



CATALOGUE No. 50
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Cyclone

FENCE AND GATE CO. PTY. LTD.

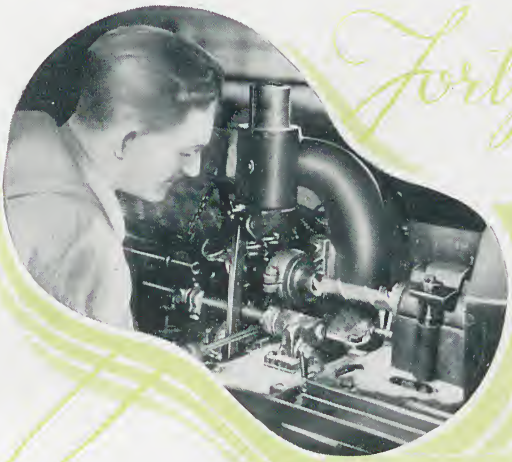
MELBOURNE: Reg. Office & Factory, Gipps Street, Abbotsford, N.9 - - - - - Phone: J 5646 (5 lines)
SYDNEY: Reg. Office & Factory, Morley Avenue, Rosebery - - - - Phone: Mascot 1201 (6 lines)
ADELAIDE: Reg. Office, 38 Waymouth Street. Factory, Elizabeth Street - - Phone: Cent. 4475 (3 lines)
PERTH: Reg. Office & Factory, C/r Brown and Lime Streets, East Perth - - - Phone: B 4121 (2 lines)

PLEASE NOTE

The word "CYCLONE" is our registered Trade Mark, and cannot legally be applied to any metal gates or fencing not manufactured by us.

CYCLONE FENCE & GATE CO. PTY. LTD.

GIPPS STREET, ABBOTSFORD, N.9



Forty Two Years OF PROGRESS and EXPERIENCE

DURING the forty-two years which have elapsed since the foundation of the business of the Cyclone Fence & Gate Co. Pty. Ltd., many changes have taken place in manufacturing practices and technique, notably in connection with the use of electric power.

Ever since the inception of the business, those responsible for its management have used every endeavour to keep pace with developments and improvements in manufacturing methods as these have occurred, with the result that it may be justly claimed that the products of the various "Cyclone" factories throughout the Commonwealth are as good as it is possible to obtain.

The long experience of the men on our factory staffs is another important factor in the production of "Cyclone" goods, which will bear comparison with articles of like nature manufactured in any part of the world.

This Catalogue is sent out in the hope that it will be found of **service** as well as of **interest** to our many friends throughout the Commonwealth, and, while it is not possible within its compass to illustrate each type of article we make, it is intended to give a comprehensive idea of the wide range of goods produced in our factories.

CYCLONE FENCE & GATE CO. PTY. LTD.

MELBOURNE SYDNEY ADELAIDE PERTH

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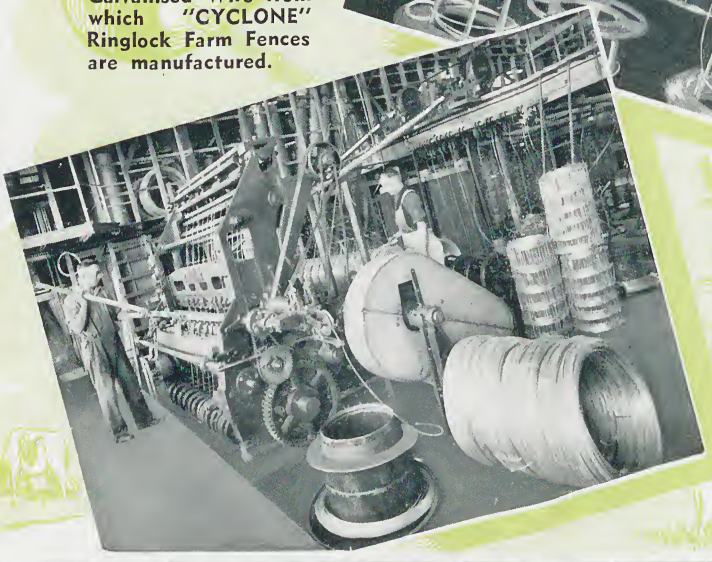
"Cyclone" FIELD FENCE SECTION

"Cyclone" RINGLOCK FENCE

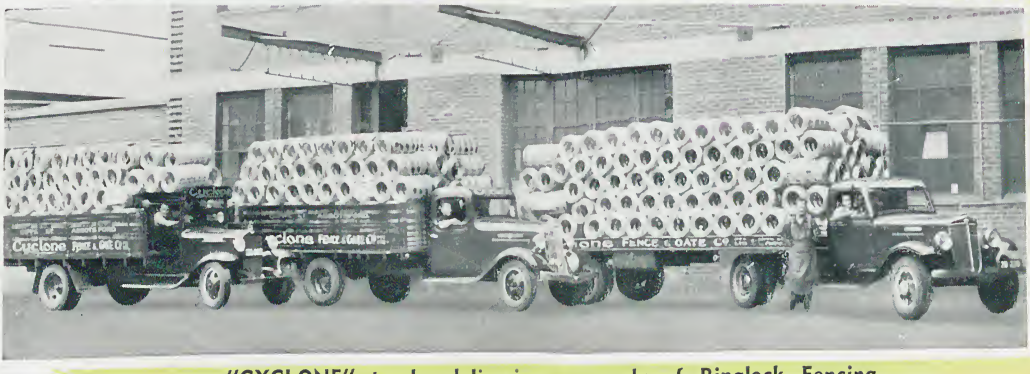
IS A QUALITY PRODUCTION THROUGHOUT!

From Coils of Galvanised Wire to Rolls of Ringlock Fencing

The photograph on the right shows a portion of the stacks of special hard drawn Galvanised Wire from which "CYCLONE" Ringlock Farm Fences are manufactured.

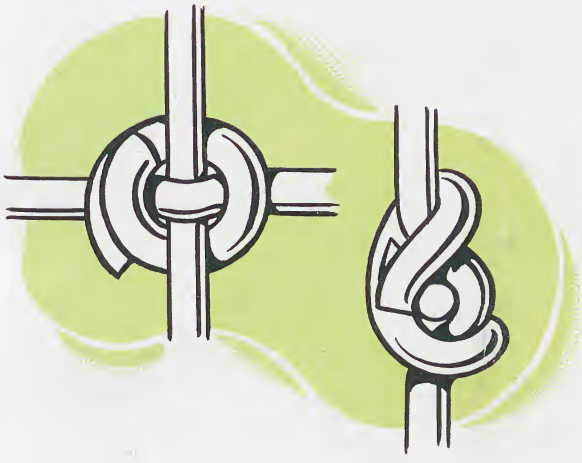


The photograph on the left shows "CYCLONE" Ringlock Farm Fence in process of manufacture.



"CYCLONE" trucks delivering a supply of Ringlock Fencing.

The "CYCLONE" Ringlock Fence



There is no better Fencing for station and farm use than **"Cyclone" Ringlock,** which is manufactured from a specially hard - drawn galvanised wire. The principle of its construction is such that it will successfully resist heavy stock and the stresses caused by fluctuations of temperature, the kink or wave that is placed in the lateral wires in the course of manufacture providing for the necessary expansion or contraction, without in any way impairing the tautness of the fence. Once properly strained up, it will call for no after-attention whatever.

The stiff upright wires are held to the line wires by the **Ringlock illustrated herewith.** Both upright and lateral wires are given a kink at the point of junction and are thus rendered absolutely proof against slipping, and cannot be moved up, down, or sideways.

"Cyclone" Ringlock Fence is perfectly stock-proof, easily erected, and considerably cheaper, as well as being incomparably more effective than an old-style Fence of plain wire and droppers.

It is made in the following types:—

5	**lines,**	**26"**	**high,**	**upright**	**wires**	**12"**	**apart, for**	**sheep.**
6	,,	28"	,,	,,	,,	12"	,, ,,	**lambs.**
6	,,	36"	,,	,,	,,	12"	,, ,,	**general stock.**
8	,,	42"	,,	,,	,,	12"	,, ,,	**horses and cattle.**
8	,,	30"	,,	,,	,,	6"	,, ,,	**pigs and sheep yards.**
9	,,	48"	,,	,,	,,	6"	,, ,,	**dogs, or any other purposes.**
15	,,	66"	,,	,,	,,	6"	,, ,,	**where a strong and fairly close-mesh Fence is required.**

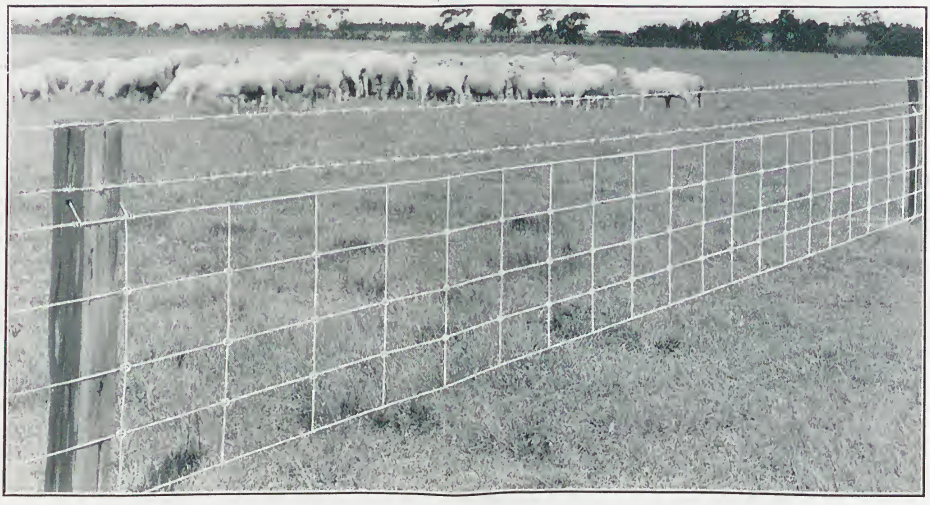
The 5-line and 6-line Fences are made in three different weights, viz., heavy, medium and light. The **heavy type** is constructed throughout of 10 gauge wire. The **medium type** is constructed of 11 gauge wire. The **light type** is constructed of a special quality high tensile wire. This type of Fencing, although lighter, is exceedingly strong, the wire used in its construction having a breaking strain approximately equal to that of 10 gauge wire.

The 8-lines 30" Pig Fence is made in two different weights, heavy and light. The heavy type is constructed of 11 gauge wire throughout, and the light type is constructed of special quality high tensile wire.

The 8-lines 42", the 9-lines 48", and the 15-lines 66" Fences are constructed throughout of 11 gauge wire.

The galvanised wire used in the manufacture of all genuine **"Cyclone"** Fences is specially drawn for the purpose, and is much superior in finish and strength to ordinary Fencing wire. This is a point worth bearing in mind.

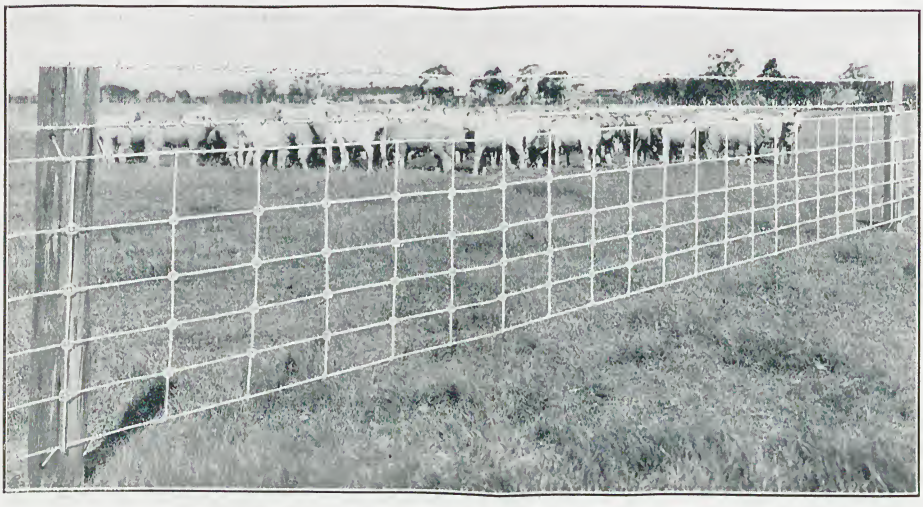
5-Lines Sheep Fence, 26ins. High



Spacing, from bottom, 6in., 6in., 7in., 7in. Upright wires 12in. apart. **Positively sheep-proof.** Made in three weights, viz.:—

	Length of Roll		
No. 5HT, Light Type, 12½ gge. High Tensile Wire .	10 chains	weighing	138 lbs.
No. 5M, Medium Type, 11 gge. wire throughout . .	5 chains	weighing	93 lbs.
No. 5H, Heavy Type, 10 gge. wire throughout	5 chains	weighing	114 lbs.

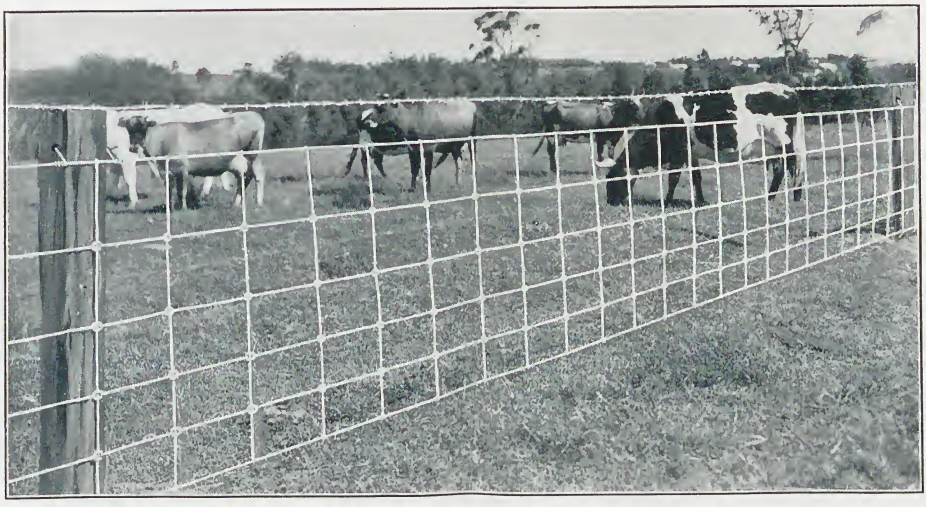
6-Lines Sheep and Lamb Fence, 28ins. High



Spacing, from bottom, 5in., 5in., 5in., 6in., 7in. Upright wires 12in. apart. **Sheep and lamb-proof.** Made in three weights, viz.:—

	Length of Roll		
No. 628HT, Light Type, 12½ gge. High Tensile Wire . .	10 chains	weighing	172 lbs.
No. 6MA, Medium Type, 11 gge. wire throughout	5 chains	weighing	113 lbs.
No. 6HA, Heavy Type, 10 gge. wire throughout	5 chains	weighing	135 lbs.

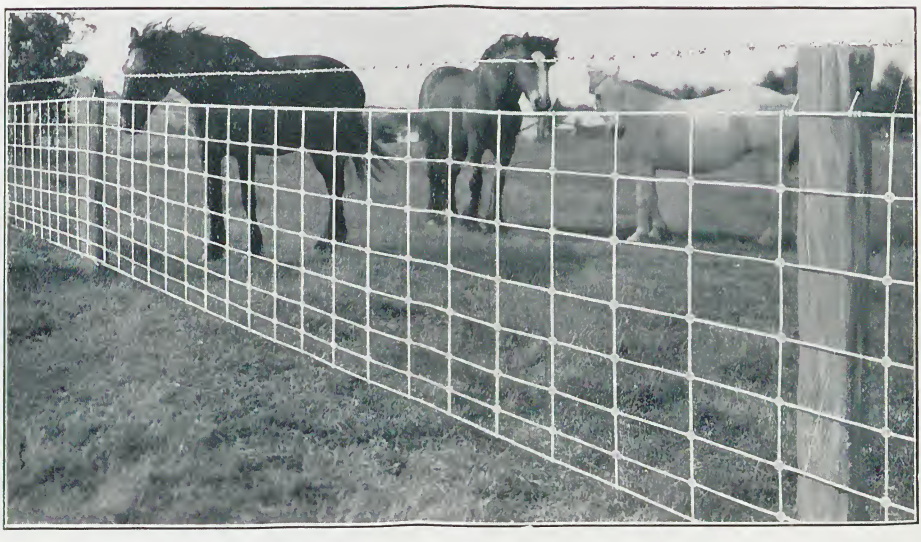
6-Lines Cattle Fence, 36ins. High



Spacing, from bottom, 6in., 6in., 7in., 8in., 9in. Uprights wires 12in. apart. Made in three weights, viz.:—

	Length of Roll
No. 6HT, Light Type, 12½ gge. High Tensile Wire . .	10 chains weighing 180 lbs.
No. 6M, Medium Type, 11 gge. wire throughout	5 chains weighing 121 lbs.
No. 6H, Heavy Type, 10 gge. wire throughout	5 chains weighing 143 lbs.

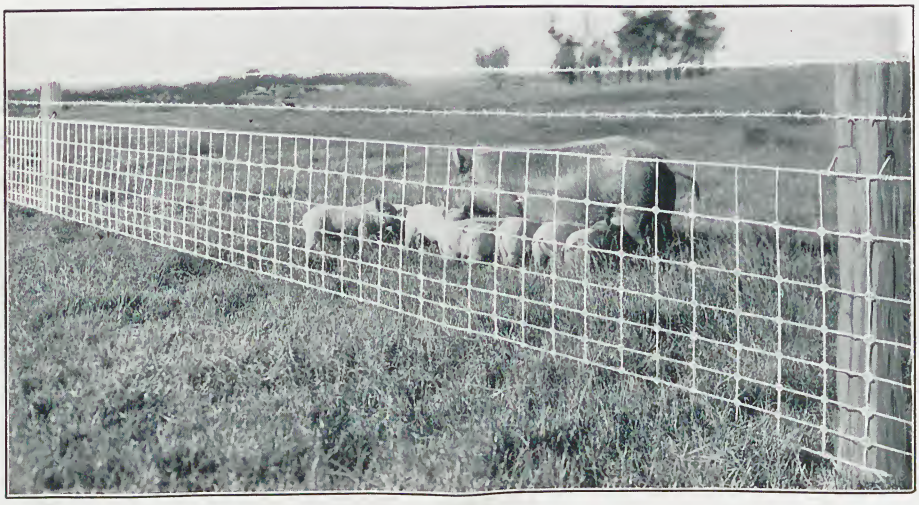
8-Lines Heavy Stock Fence, 42ins. High



Spacing, from bottom, 4in., 5in., 6in., 6in., 7in., 7in., 7in. Uprights 12in. apart. Made in one weight only, viz.:—

No. 8M, 11 gge. wire throughout. Sent out in 5-chain rolls, weighing 157 lbs. per roll.

8-Lines Pig and Sheepyard Fence, 30ins. High

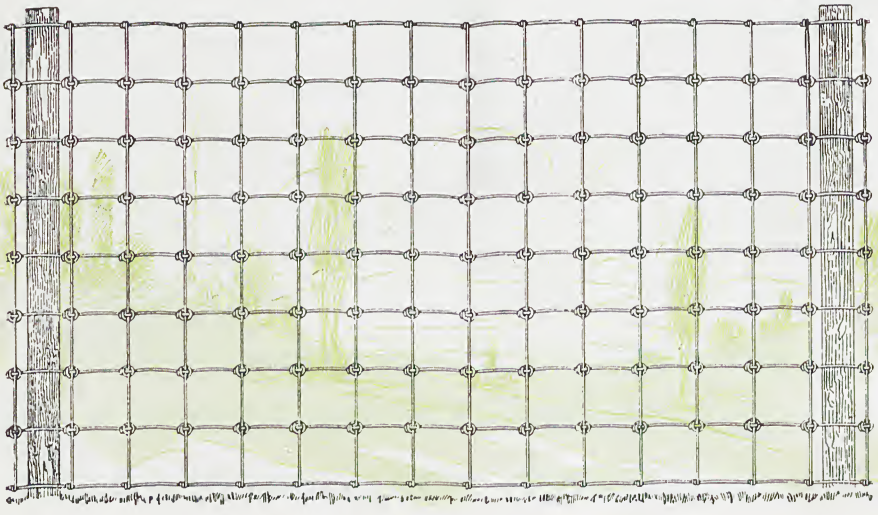


Spacing, from bottom, 3in., 3in., 3½in., 4in., 4½in., 6in., 6in. Upright wires 6in. apart.

	Length of Roll
No. 830HT, Light Type, 12½ gge. High Tensile Wire . .	5 chains weighing 150 lbs.
No. 830H, Heavy Type, 11 gge. wire throughout	5 chains weighing 191 lbs.

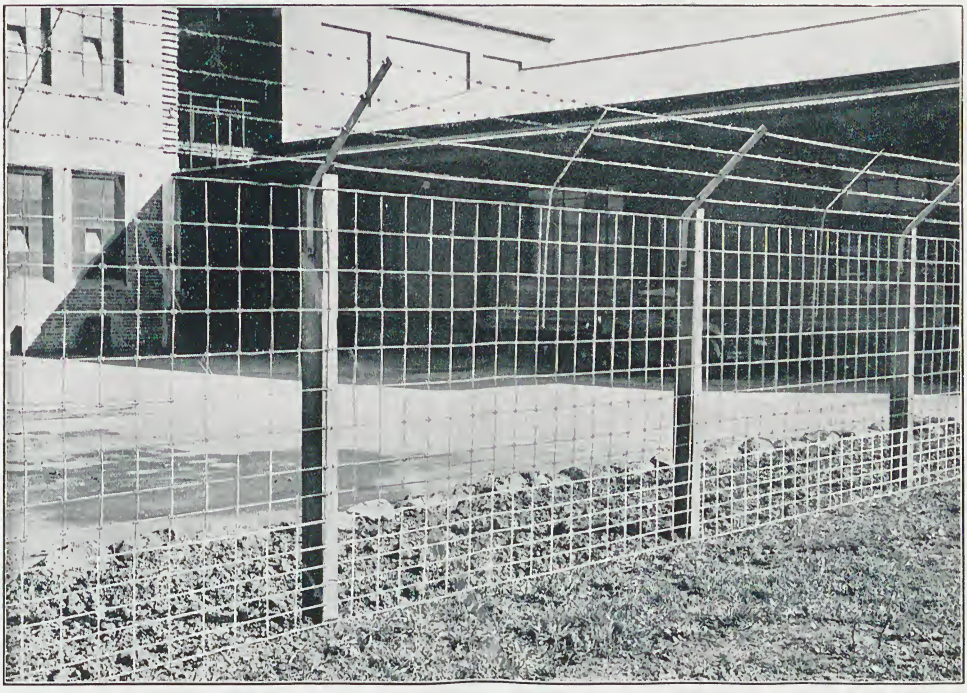
This fence is absolutely proof against even the heaviest and most persistent boars. It is also particularly suitable for sheep yards, for which purpose it is now extensively used.

9-Lines Special Purpose Fence, 48ins. High



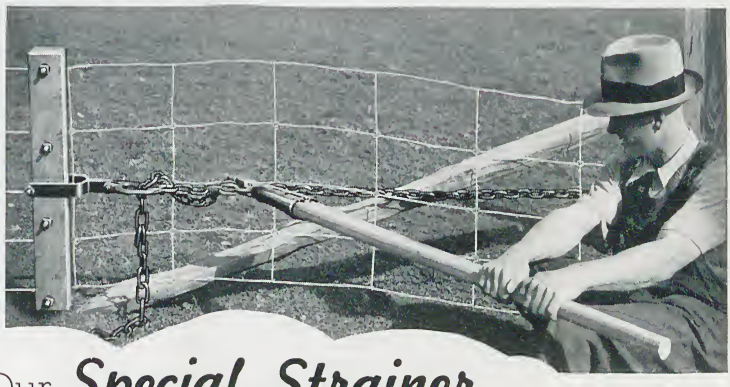
No. 948.—The wires in this fence are spaced equally 6in. apart in both directions, giving a 6in. mesh all over. **Designed for use when a high and particularly strong fence with a fairly small mesh is required, being stock-proof and dog-proof.** Made of 11 gge. wire throughout, and sent out in 5-chain rolls, weighing 250 lbs. per roll.

15-Lines Factory Protection Fence, 66ins. High



This fence affords adequate protection to factories, reserves, etc., at a minimum cost.

- **We will lend you a strainer free of charge.**



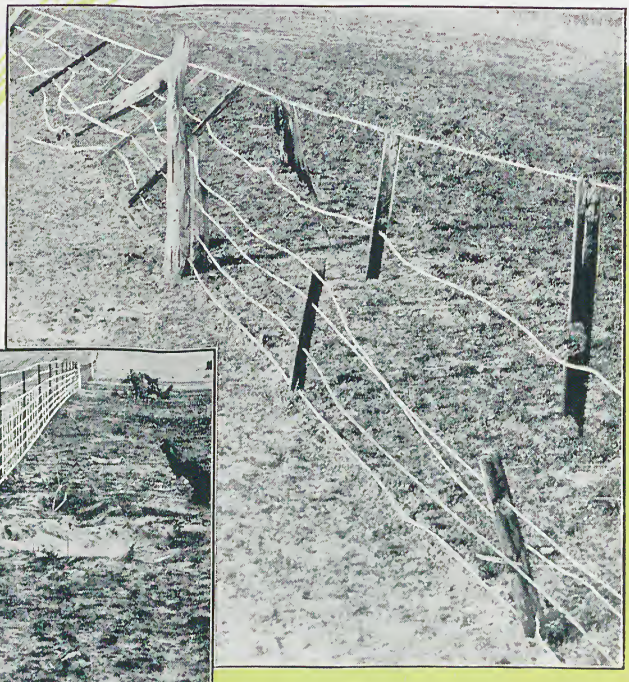
Straining Ringlock Fencing is easy with Our *Special Strainer*

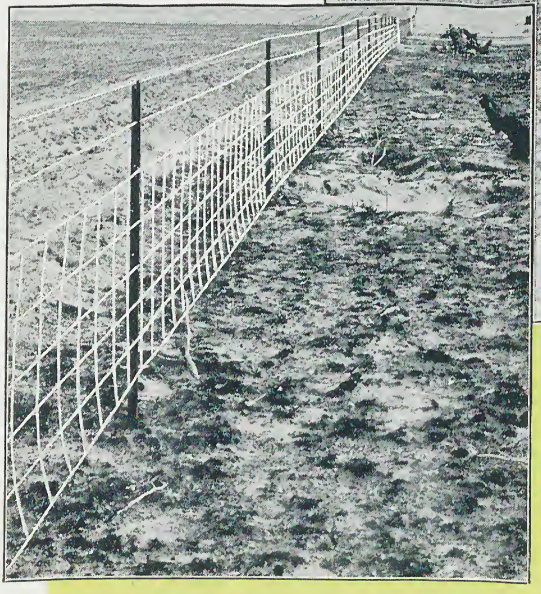
The illustration shows clearly how the jarrah grip-block is attached to the fence to be strained. Hook a good strong chain around the straining post and drop the other end through the bight link as shown above. Take a grip on the chain with the claw at the end of the wooden straining handle and pull fence up toward straining post. Whilst holding fence pulled up, take up the slack in the chain by pulling it through the bight link. Repeat these operations until fence begins to lift off the ground. Go back along the fence, and lift and shake it in order to distribute slackness, if any. Return to strainer and give another pull, then the whole fence should lift upright against the posts. Continue to strain up until fence is as taut as possible and tie off around strainer post.

Seeing is Believing!

ACTUAL PHOTOGRAPHS SHOW "CYCLONE" RINGLOCK FENCING PRACTICALLY FIREPROOF

Recently fire swept the station property of Mr. A. E. Cozens at Anakie (near Geelong), Victoria. Part of the land affected was fenced with ordinary wire. The other part was fenced with "Cyclone" Ringlock carried on "Cyclone" steel posts. As the photographs show, the ordinary fencing (right) will have to be completely replaced. The Ringlock fence (left) will require no expenditure whatsoever. No need for fence insurance with "Cyclone" Ringlock.





(Above) Pounds and pounds gone up in smoke. Complete replacement will be necessary.

(Left) "Cyclone" Ringlock fence and "Cyclone" steel posts withstand fire. Slight repairs may be necessary, but replacement never.

The following are some of the questions we have been asked regarding

RINGLOCK FENCING

and the answers thereto:—

What is this Ringlock?

The illustrations inset on Page 7 show the method by which a ring of steel wire is locked around the upright and horizontal wires of the fence where these cross. This locks the wires together so securely that the wires cannot be moved up, down or sideways.

How does the Cost Compare with that of a Fence of Plain Wire and Droppers?

By the use of "Cyclone" Ringlock Fencing a big saving per mile can be made. This is because fewer posts are needed, and the machine-made Fence can be strained up in about one-quarter the time that it takes to run and strain up plain wires and affix droppers to them.

Mr. H. S. ABRAHAMS, of Narrandera, writes: "I have used many miles of 'Cyclone' Ringlock Fences on my property, and I consider that it is a perfect stock-proof fence. Not only has it a much better appearance than a plain wire fence, but it is more efficient, and cheaper to erect."

What Happens if a Wire should get Broken?

Nothing. Should, by some accident, a wire become broken, the break remains local only, and no slacking out of the wire occurs as in the case of a plain wire fence. This can be readily understood when you remember that the whole of the wires in the fence are joined together every 12 ins. This means, of course, that a repair is easily and expeditiously made.

Can Sheep Get Through It?

Ringlock fencing is, when properly strained up, absolutely sheep-proof.

Will You Lend Me a Strainer to Put it Up?

Yes. We have a special strainer, of simple design, and easy to operate. One of these we will lend free of charge to any purchaser of our Fencing.

What Length Can be Strained in a Straight Run with a "Cyclone" Strainer?

It is quite a simple matter to strain up in one operation a 10-chain roll of high tensile fencing, or a 5-chain roll of fencing of the heavier types.

Will It Hold Large Stock?

Mr. T. J. BARRY writes: "I am pleased to say that I have now used many miles of your Ringlock Fence, Style 6HA, and find that, with the addition of two barbed wires, it makes not only an absolutely lamb- and sheep-proof fence, but is cattle- and horse-proof as well."

Why is it Better than an Ordinary Plain Wire Fence?

For many reasons, some of which are:—

(1) It is stronger.
(2) It is absolutely stock-proof.
(3) When once strained up properly, it will remain taut indefinitely.
(4) It looks much better.
(5) It calls for no supervision.

Mr. M. HOGAN, of Grong Grong, who has about 80 miles of Ringlock Fencing on his properties, writes: "Your fences have proved effective, and I now use 'Cyclone' Ringlock Fences everywhere possible on my properties. I am very pleased with their appearance and effectiveness, and consider them much better than plain wire fences."

How Does it Fare in a Bushfire?

It is well known that the holes bored in wooden posts act as draughts during a fire and intensify the severity of the damage. Owing to the few holes necessary for erecting Ringlock Fencing, it comes through even a severe fire practically undamaged, and still perfectly capable of holding stock. If erected on steel posts it is, to all intents and purposes, fireproof. For convincing evidence on this point, see page 12.

Will it Keep Dogs Out?

Yes. This has been proved on many occasions, and is one of the many material advantages which this type of fencing possesses.

MR. J. H. ALEXANDER, of Toolamba, says: "I have had 'Cyclone' Fencing erected on my property for many years, and my dog still has to run around it."

Will it Slack Out in time and need Re-straining like a Fence of Plain Wire?

"Cyclone" Ringlock Fence is, in the process of manufacture, given a kink or "wave" along the whole length of every line wire. This gives elasticity and provides compensation for the contraction and expansion caused by cold and heat, with the result that the tautness of the fence is not affected. This feature alone places it pre-eminently above a plain wire fence.

MESSRS. J. and T. MASON, of Durham Ox, say: "We have over 25 miles of 'Cyclone' Fence erected on our property, and consider this to be the perfect fence for our stock. We usually have from 50 to 100 horses in the paddocks and never have the slightest trouble—it is tip-top fencing."

Can it be Taken Down and Transferred to Another Place without damage?

Yes. For fencing temporary paddocks it has no equal. It can be quickly and easily taken down, re-rolled and re-erected as often as may be desired.

MR. J. NICOL, of Agnes, writes: "I have used several miles of your fencing, and have much pleasure in informing you that it has proved very satisfactory for whatever purpose I have used it. I have found it very handy for surrounding temporary cultivation paddocks. It is not only very quickly erected, but can be readily rolled up and removed to another place."

Which type of Fence do you recommend for sheep, lambs or heavy stock, and is it necessary to use barbed wire with a Ringlock Fence?

For sheep, we recommend the 5 lines, 26 in. fence, for small lambs the 6 lines, 28 in. fence, and for cattle and heavy stock the 6 lines, 36 in. fence. Any of these, however, makes an excellent general purpose fence if erected with two barbed wires, one 5 in. above top of fence, and the other 7 in. or 8 in. above that again, according to the over-all height required.

Only one barbed wire is necessary with a sheep- or lamb-proof fence.

How is it Secured to the Posts?

It can be stapled, but the better way is to bore two holes in each post, about one inch above and the same distance below the top and bottom wires respectively, and secure the top and bottom wires to the posts by means of tie wires passed through these holes. If the top and bottom wires are firmly secured to the posts no fastening is required for the intermediate wires.

Why do you Recommend the Use of the Tie Wire rather than Staples?

Because staples are apt to become loose and fall or be forced out, whereas if you bore holes 1 in. above and 1 in. below the top and bottom wires, the fence can then be strained up, drawn tight, and a wonderfully effective job made.

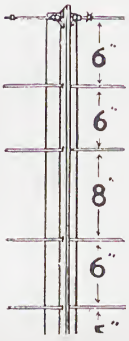
Can it be Strained Over Undulating Country without cutting?

Yes. Read what MR. T. MUMFORD, of Womerah, South Gippsland, says: "The 'Cyclone' Fence with which you supplied me has given complete satisfaction. I find it very easy to erect. Unlike wire netting, it does not bag in passing over hills and hollows, but every wire is tight throughout."

Can you Supply Steel Posts for Use in Conjunction with this Fence?

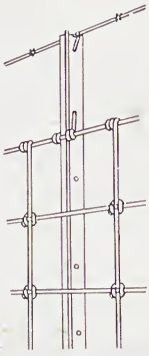
Yes, the "Star" Pattern Fencing Posts are made of a specially rolled section, very strong yet not too heavy, and punched to suit customers' requirements.

"Star" Steel Fence Posts



They are

FIREPROOF. WHITE-ANT PROOF.
INDESTRUCTIBLE. EASILY HANDLED.
EASY TO DRIVE. QUICKLY ERECTED.
LIGHT, BUT VERY STRONG.



"STAR" STEEL FENCE POSTS

PLEASE NOTE that, unless ordered otherwise, "Star" steel posts will, in future, be supplied punched with the "Universal" spacing, which is as follows:—

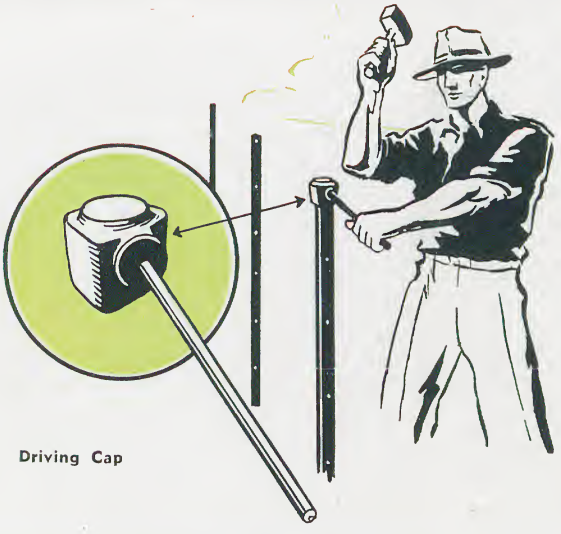
Starting from the top of the post—

1" (for barbed wire) 5" 4" 4" 4" 7" 6" 6" 6"

This spacing is designed to render the posts equally suitable for use with woven fencing or with plain wires. Other spacings can be supplied if required but some delay in delivery would probably be occasioned thereby.

For punching to special spacing less than 100 posts an extra charge of ½d. per post is made. It is expected, however, that the new spacing will obviate the necessity for special punchings.

lines 26 inches high Sheep Fence.



Driving Cap

When ordering posts with special borings, give the distances between the holes, commencing from the TOP.

A driving cap is supplied free of charge with every 250 posts.

Sent out in bundles of 10.

Will it Keep Dogs Out?

Yes. This has been proved on many occasions, and is one of the many material advantages which this type of fencing possesses.

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Whic
to

How

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Why do you Recommend the Use of the Tie Wire rather than Staples?

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Can it be Strained Over Undulating Country without cutting?

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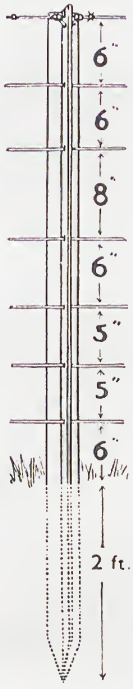
Can you Supply Steel Posts for Use in Conjunction with this Fence?

Yes, the "Star" Pattern Fencing Posts are made of a specially rolled section, very strong yet not too heavy, and punched to suit customers' requirements.

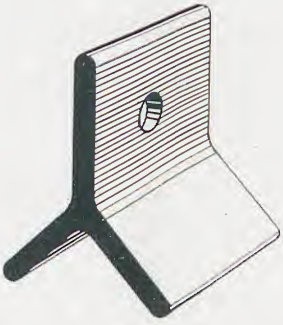
"Star" Steel Fence Posts

They are

FIREPROOF. WHITE-ANT PROOF.
INDESTRUCTIBLE. EASILY HANDLED.
EASY TO DRIVE. QUICKLY ERECTED.
LIGHT, BUT VERY STRONG.

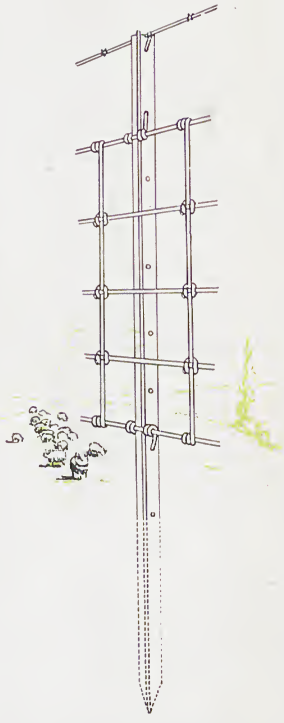


"Star" Steel Post as used with a plain wire fence, showing standard boring.

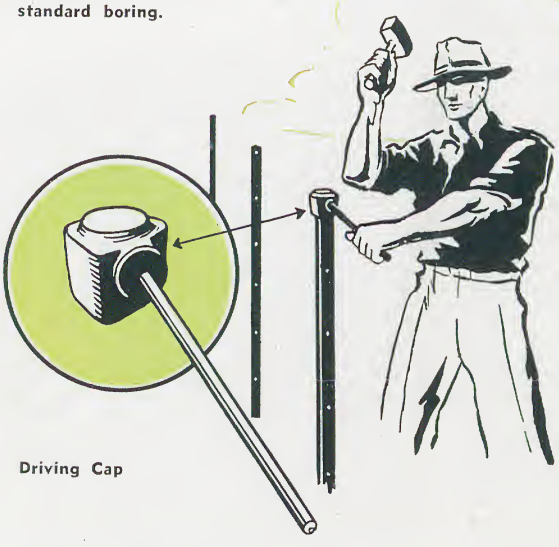


Section of "Star" Steel Fence Post

Length	Approx. Number Black Varnished Posts, per Ton
4 ft. 6 in.	356
5 ft. 0 in.	320
5 ft. 6 in.	291
6 ft. 0 in.	267



"Star" Steel Post as used in conjunction with "Cyclone" five-lines 26 inches high Sheep Fence.



Driving Cap

When ordering posts with special borings, give the distances between the holes, commencing from the TOP.

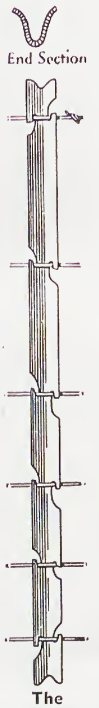
A driving cap is supplied free of charge with every 250 posts.

Sent out in bundles of 10.

Make old wire fences as good as new by using either type of "Cyclone" Dropper illustrated below.

"King-Loc" Droppers

(PATENTED)



The "King-Loc" Dropper

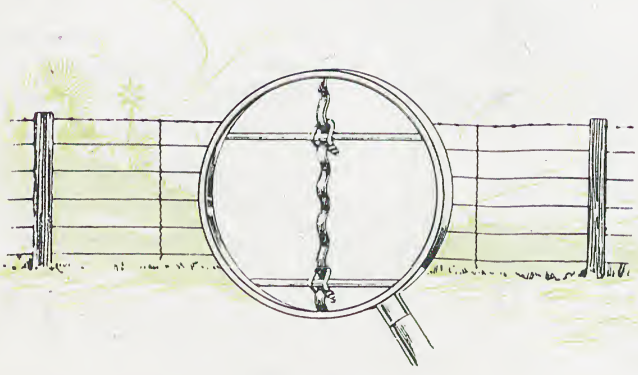
"King-Loc" Droppers are popular because

1. Each is easily and quickly fitted, no ties or wedges of any kind being required.
2. None can be moved by stock.
3. Each is fireproof, and practically indestructible.
4. Wires can be strained through the droppers—a great convenience when repairing fences.
5. The angle of the dropper, where strength is required, is not weakened by having slots or holes punched in it.

WHEN ORDERING PLEASE STATE CLEARLY

1. **Length of dropper required. This is, of course, governed by the number and spacings of the wires in the fence for which they are required. Add together these spacings, and add 3 in., giving an overlap of 1½ in. at each end.**
2. **Spaces between wires, starting from the BOTTOM.**
3. **Number and gauge of wires. If a fence has in it wires of varying gauges, send a diagram showing position of each. This is absolutely necessary.**

"CYCLONE" Crimped Droppers



Crimped Dropper.

"Cyclone" Crimped Droppers are ideal for strengthening existing wire fences. They are easily and quickly fixed to the fence by means of metal loops or clips, as shown in the illustration. These metal loops are sold by the lb.—1,000 loops weigh 5 lb. Droppers are made of No. 4 or No. 6 gauge galvanised wire, and are supplied in lengths as required.

"Cyclone" FIELD GATE SECTION

Specifications of "CYCLONE" Field Gates

HEIGHT

The standard height of all "Cyclone" Field Gates is 3' 10", but Gates higher or lower than this can be supplied if desired. When ordering, always state width of opening and size of posts, **not size of gate.** If gate is required to hang on face of posts, give **width** of opening and **diameter** of posts.

FRAMES

Field Gate frames are of special steel tubing, of an external diameter of 1⅜" or 1⅝", the former being the standard size. Gates with frames of 1⅝" tubing are supplied only when specially ordered. All field gates are made with bottom corners square.

STAYS AND STRUTS

These are of special steel tubing of 1⅛" external diameter in the case of Gates with frames of 1⅜" tube, and of 1⅜" tube in the case of gates with frames of 1⅝" tube. All stays and struts are electrically welded to the outside frame, and there are consequently no bolt holes or screwed joints to weaken the Gate, frame and stays being welded into one piece of metal.

HORIZONTAL CABLES

These are formed of two No. 10 gge. galvanised wires twisted together to form a cable of great strength.

UPRIGHT CABLES

These are formed of two No. 13 gge. wires twisted together into a cable, and interwoven with the wires forming the horizontal cables. These are thus immovably held in place.

HINGES

The top hinge consists of a heavy strap fitted with two bolts, which go right through the post. (See illustration on page 26.) Bolts 12" long will be supplied unless we are otherwise instructed. Longer or shorter bolts can be supplied if desired. The bottom hinge consists of a special heavy pin (see illustration on page 26), which bolts right through the post. It is essential, when ordering, to state the diameter of the post upon which the Gate is to be hung.

CATCHES

These consist of a length of strong chain, with a pin attached for securing to the post. This chain is fitted with a ring (see illustration on page 26), which falls over a specially designed knob.

PAINTING

Frame-work of all gates is protected with one coat of varnish and two coats of best-quality paint.

HEAVY TYPE GATES

Nos. 101, 102, 105, 106, 107, 120, 132, 133, 201, 202, 203, 215 and 216 can, if desired, be made with frames of tubing of 1⅝" external diameter, with stays and struts of 1⅜" tubing. These heavy-type Gates are indicated by prefixing the letter "H" to the number, as H120, etc.

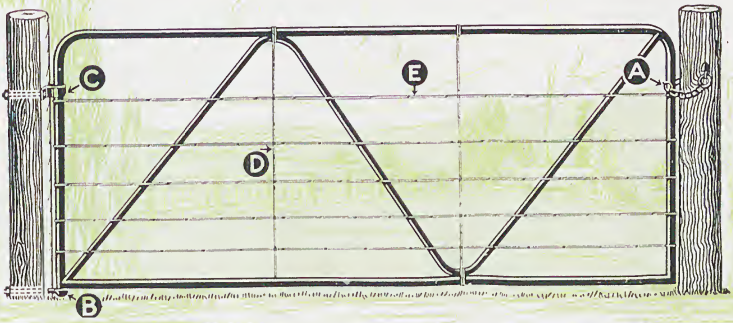
GALVANISED GATES.

Any of the Field Gates illustrated in this Catalogue can be supplied in galvanised metal throughout. For extra charge, see price list.

BARBED WIRE ATTACHMENT

A barbed-wire attachment, to prevent stock from leaning over a Gate, can be fitted to any "Cyclone" Field Gate if required. (See illustration No. 169, on page 22.) For extra charge, see price list.

The "CYCLONE" Gate, Style "N"



Keeps Sheep In!

No. 120

A **"Cyclone" Chain and Knob Fastener.** This holds the Gate securely closed no matter how the Gate posts move. Note how the ring falls right over the bolt head.

B **Bottom Hinge** extends completely through the post and is fastened with a nut.

C **Top Hinge** also has bolts right through the post.

D **Upright Cables** from top to bottom bars hold cross cables rigid.

E **Five Cabled Wires** make the Gates absolutely sheep-proof.

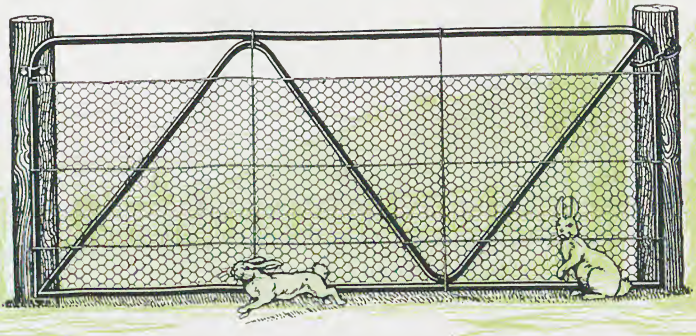
The "Cyclone" "N" Gate is the perfect sheep-proof gate. It is perfectly strutted, and will never sag, no matter how long or how hard its usage. The "N" Gate is fitted with five horizontal cables, each of which consists of two 10-gauge galvanised wires, twisted together to give the maximum of strength. Extra cables can be fitted if desired at an additional charge of 1/- for each cable.

Any of the Field Gates illustrated on this and the following pages can be supplied in galvanised metal throughout at a small extra charge.

The "CYCLONE" Gate, Style "N" (Netted)

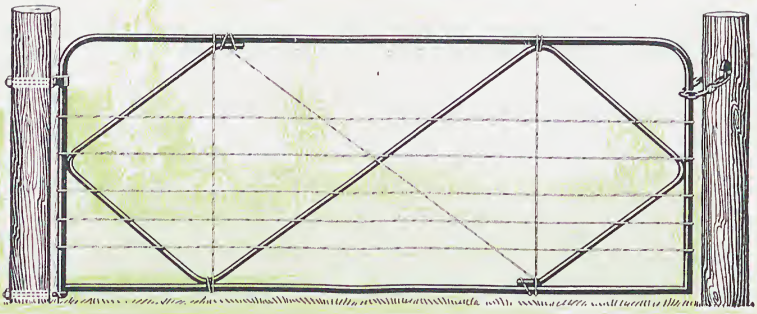
Keeps Rabbits Out!

No. 132



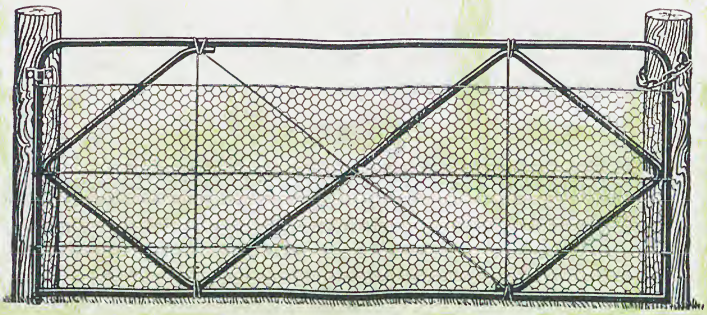
This "Cyclone" "N" Gate is covered to a height of 3 ft. with 1½ in. x 17-gauge wire netting, and is thus absolutely rabbit-proof. Can be hung between or on the face of posts, as desired.

When ordering, state whether the gate is to be hung on the face of or between posts, and give the exact width of the opening, and the size of the posts.



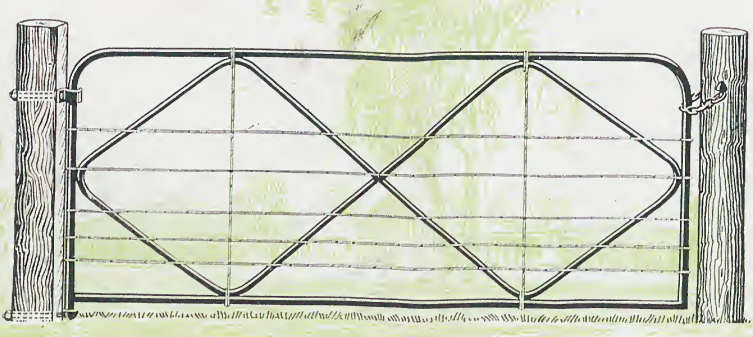
No. 201

The "Cyclone" "Z" Gate—Made to fit openings from 10 ft. to 12 ft. A popular **farm gate** of strong construction. A good **horse** and **cattle gate.**



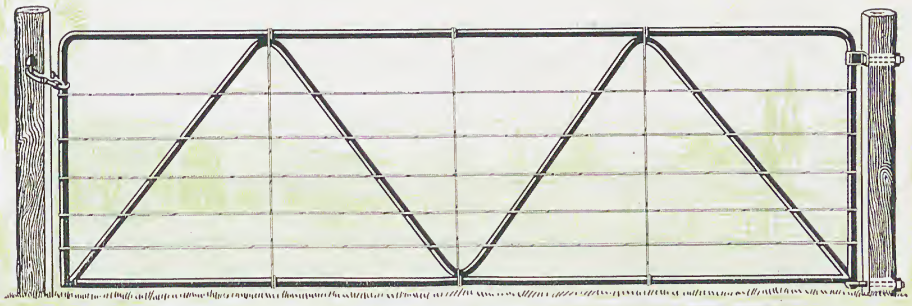
No. 203

The "Cyclone" "Z" Gate is rabbit netted. This gate is made to swing on face of posts as illustrated, but can be supplied to hang between posts if preferred. State, when ordering, the width of opening between posts and advise if required to swing on face or between posts. Also state size of posts.



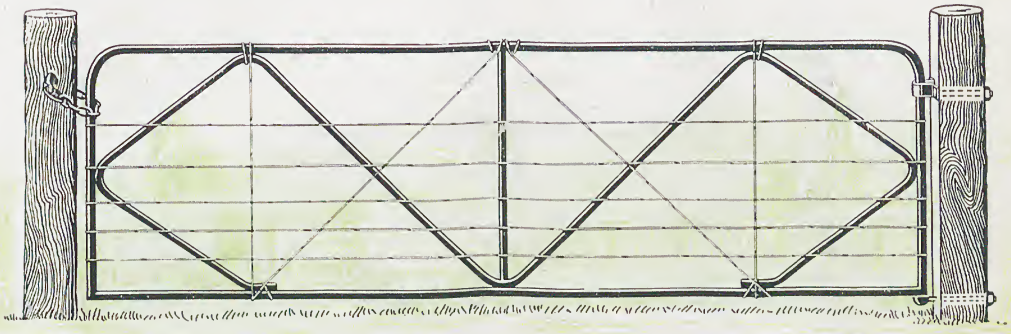
No. 215

"Cyclone" Diamond Gate. It is of particularly strong construction and is designed for use in stable yards and paddocks where heavy stock are run. Considerable extra strength may be obtained by having this gate made with a frame of 1⅝ in. steel tube. Style Number would then be No. H215. **Can be made rabbit-proof** by attaching wire netting.



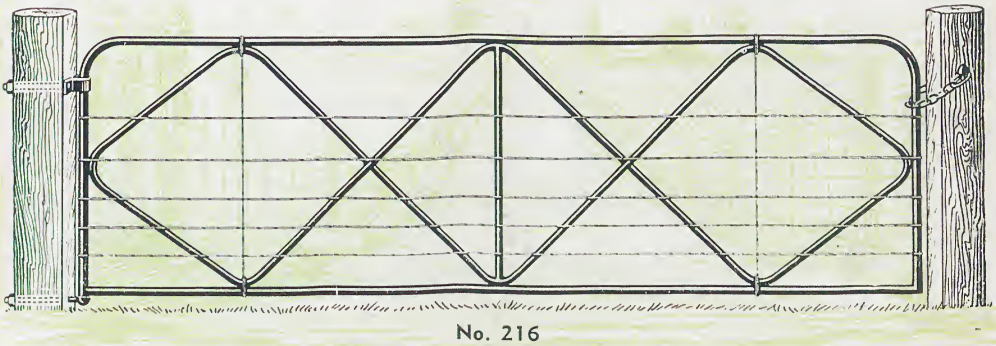
No. 133

Designed for paddocks where wide gateways are necessary. Made to fit openings of 14 ft. and over. This gate is **sheep-proof,** and can be made **rabbit-proof** by the addition of wire netting, as shown in illustration No. 132 on page 19.



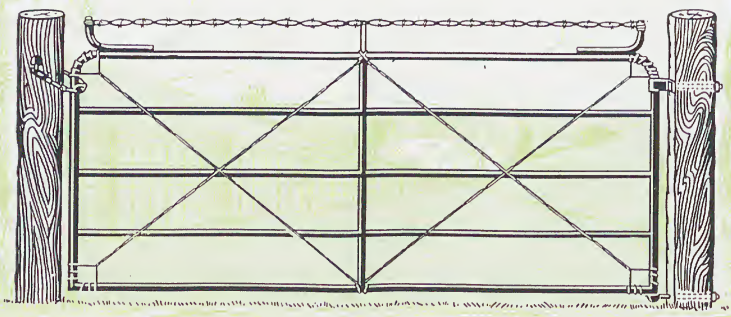
No. 202

The "Cyclone" "Z" Gate—made for opening from 13 ft. to 16 ft. Similarly constructed to No. 201 shown on page 20. To give necessary strength with greater length, a centre stay is provided. **Can be made rabbit-proof** by attaching wire netting.



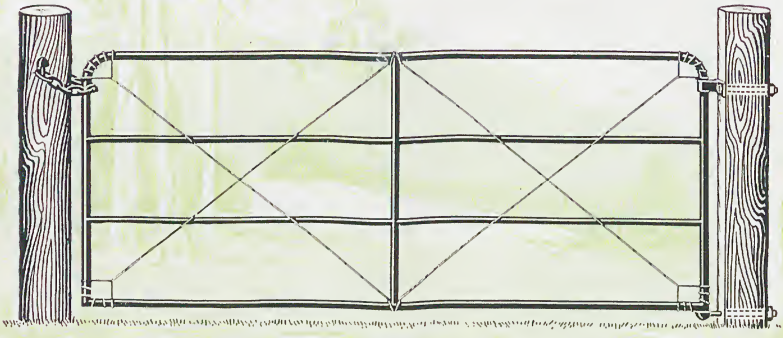
No. 216

The "Cyclone" Double Diamond Gate is of specially strong construction, and is designed to fit openings of 14 ft. and over, where a gate of extra strength is required. Particularly suitable for **cattle** or **horse paddocks.** Considerable extra strength may be obtained by having this gate made with frame of 1⅝ in. steel tubing. It is then known as No. H216. **Can be made rabbit-proof** by attaching wire netting.



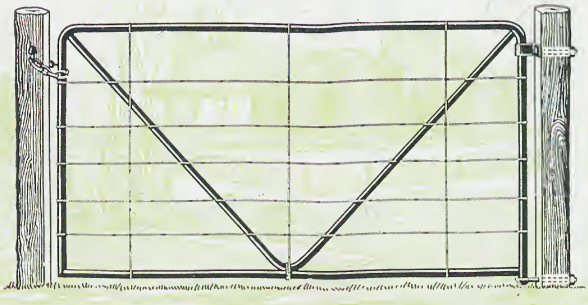
No. 169

Five-bar gate of particularly strong construction. **The barbed wire attachment** illustrated, which is not part of the gate, but is supplied as an extra when ordered, consists of two strands of 13 gge. barbed wire tightly twisted together, and can be fitted to any field gate. For extra cost, see price list.



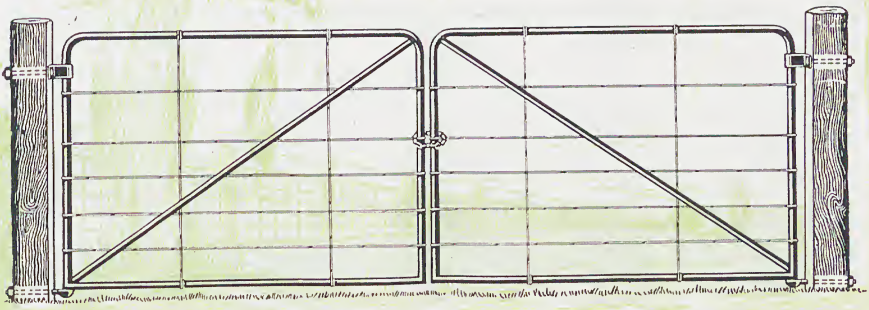
No. 116

Four-bar gate—similarly constructed to No. 169 shown on this page. **Can be made sheep-** or **lamb-proof** by the addition of wire cables between bars at an extra cost of 1/- per cable.



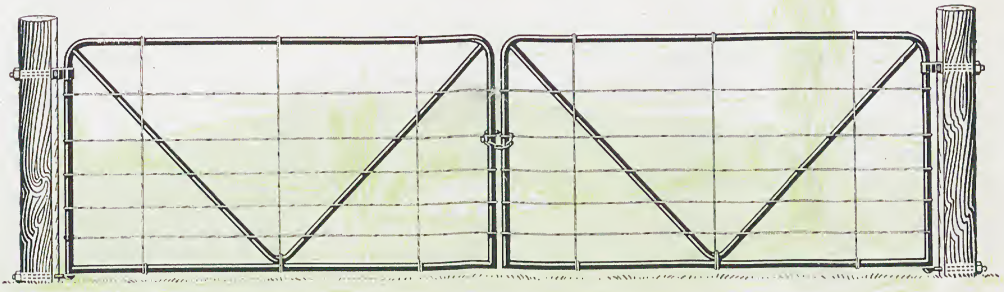
No. 165

A useful **farm** or **station gate,** made to fit openings of 7 ft., 8 ft., and 9 ft. only. **Can be made rabbit-proof** if desired by attaching wire netting.



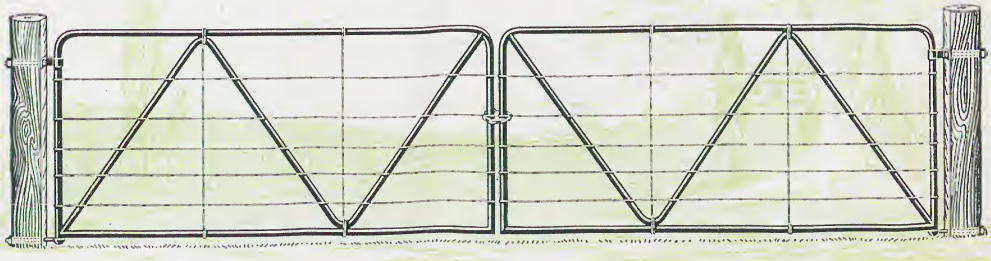
No. 105

These gates are made to fit openings of from 10 to 13 feet. **They can be made rabbit-proof** by attaching wire netting, and fitting a drop bolt to one leaf.



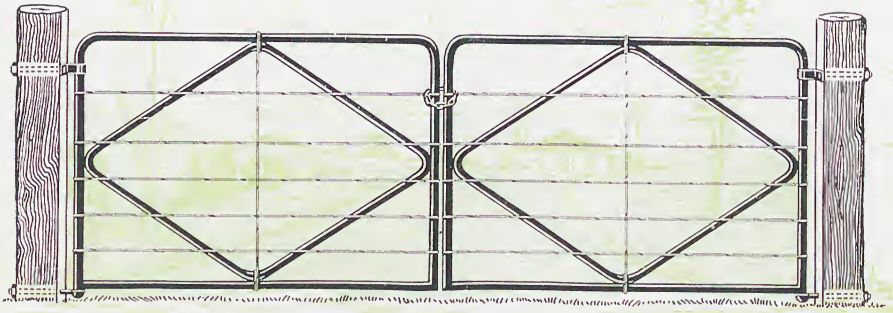
No. 106

This style is an adaptation of the "N" Stay principle, and is made to fit openings of from 14 ft. to 18 ft. **These gates can be made rabbit-proof** by attaching wire netting, and fitting a drop bolt to one leaf.



No. 107

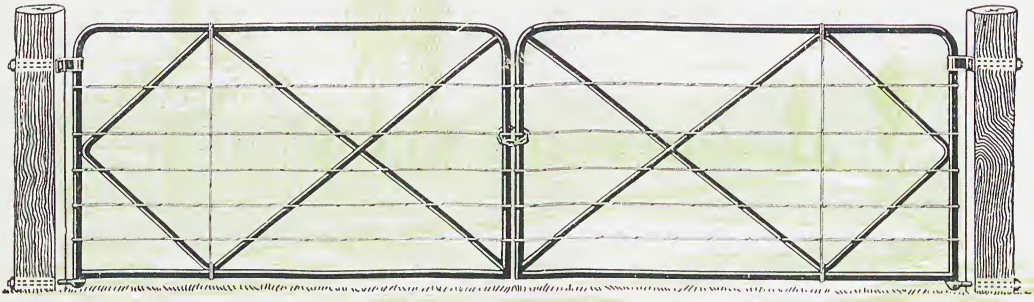
Another example of the "N" Stay principle is furnished by No. 107, which is made to fit openings of over 18 ft. **These gates can be made rabbit-proof** by attaching wire netting, and fitting a drop bolt to one leaf.



No. 101

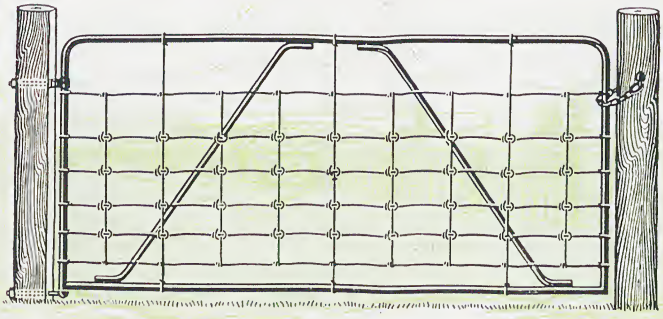
These gates are constructed on the same structural principles as "Cyclone" Diamond Gates (Nos. 215 and 216 illustrated on pages 20 and 21.) They are equally sturdy and suitable for use where pairs of gates of great strength are required.

Made to fit openings from 10 ft. to 13 ft. **Can be made rabbit-proof** by attaching wire netting, and fitting a drop bolt to one leaf.



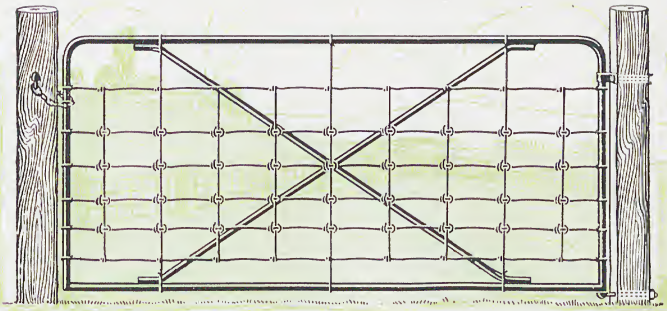
No. 102

These gates are of similar construction to No. 101, with the addition of an extra stay. Made to fit openings of 14 ft. and over. **Can be made rabbit-proof** by attaching wire netting, and fitting a drop bolt to one leaf.



No. 118

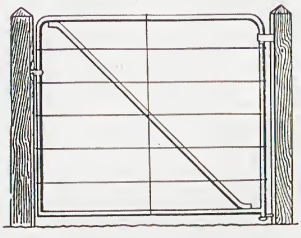
A strong, cheap gate, **sheep-** and **lamb-proof.** This gate is made only for openings not wider than 12 ft.



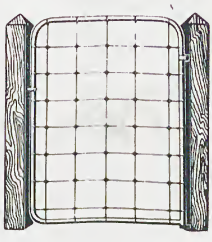
No. 200

A very well-stayed gate, covered with "Cyclone" Ringlock Fence, making it **sheep-** and **lamb-proof.** Made only for openings not wider than 12 ft.

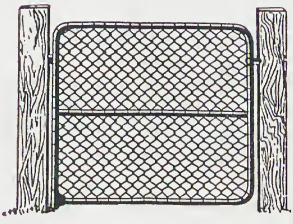
Any Field Gate can be fitted with "CYCLONE" Ringlock Fence in place of cables if desired. There is no extra charge.



No. 121



No. 122



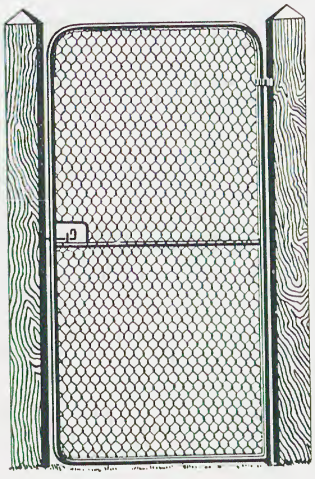
No. 246

Two simple but strong gates for general use. No. 121 has an outside frame of 1⅜ in. steel tube, and for openings of 4 ft. and over is fitted with a diagonal stay as shown.

No. 122 is made with frame of 1⅛ in. steel tube, covered with 6 in. mesh Ringlock Fence. **Both these gates can be made rabbit-proof** if desired.

A particularly strong gate, made especially for **sheep yards.** The frame and cross-bar are of 1⅜ in. steel tubing, and the gate is covered with 2 in. mesh, 10-gauge chain wire. Sheep can press against this gate without injury to themselves or to it. Height, 3 ft.

Made to fit openings from 3 ft. to 10 ft. Gates for openings of more than 5 ft. are fitted with a vertical as well as a horizontal stay. Gates for openings of 8 ft. or over are fitted with two vertical stays, in addition to the horizontal one.



Poultry Yard Gate No. 208

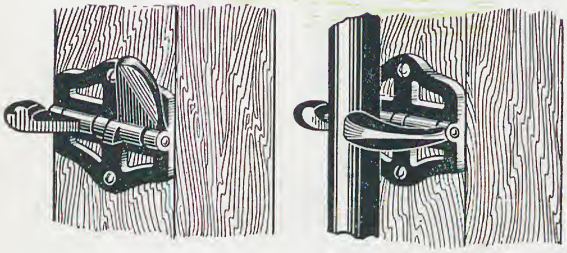
Constructed of 1⅛ in. black steel tube frame, with cross stay of ⅞ in. tube. Covered with 1½ in. mesh wire netting, and supplied with all necessary hanging fittings and catch.

These are strong, serviceable gates, and will be found eminently suitable for the purpose for which they are designed.

Made in the following sizes: 30 in., 36 in., 42 in. wide by 6 ft. high.

"CYCLONE"

Field Gate Fittings



Catch Open. **No. 134** Catch Closed.

Double-Way "Dead-Sure" Catch

Illustrated Above

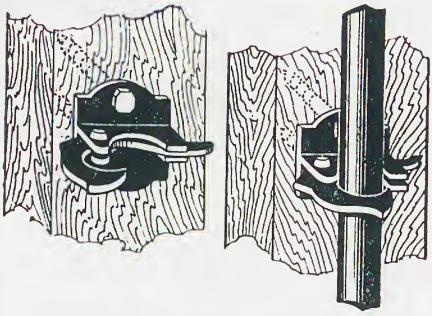
No. 134.—Double - Way "Dead - Sure" Catch can be supplied for field gates in lieu of chain and knob catch.

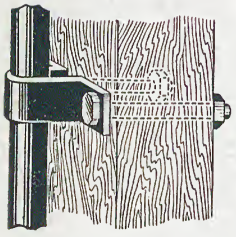
Parrot-Beak Catch

Illustrated Below

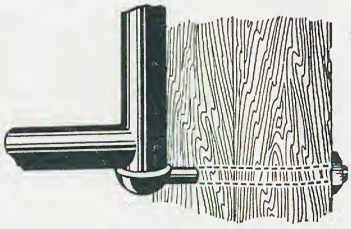
No. 250—Parrot-Beak Catch. This catch can be supplied with gates that latch on the face of post, if ordered, instead of the chain and knob catch.

Open **No. 250** Closed





No. 251—Top Strap and Through Bolts.

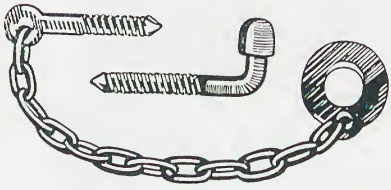


No. 252—Gudgeon Pin through post.

Top Hinge and Bottom Gudgeon Pin

Nos. 251-252—Top strap and through bolts. Gudgeon pin through post. All "Cyclone" Field Gates are now supplied with through bolts for top hinge and bottom gudgeon pins (as illustrated). In order to secure bolts of the correct size, it is necessary, when ordering, to state diameter of posts.

When ordering Gates always give the width of the opening, not the size of the Gate. We make the necessary allowance for fittings.

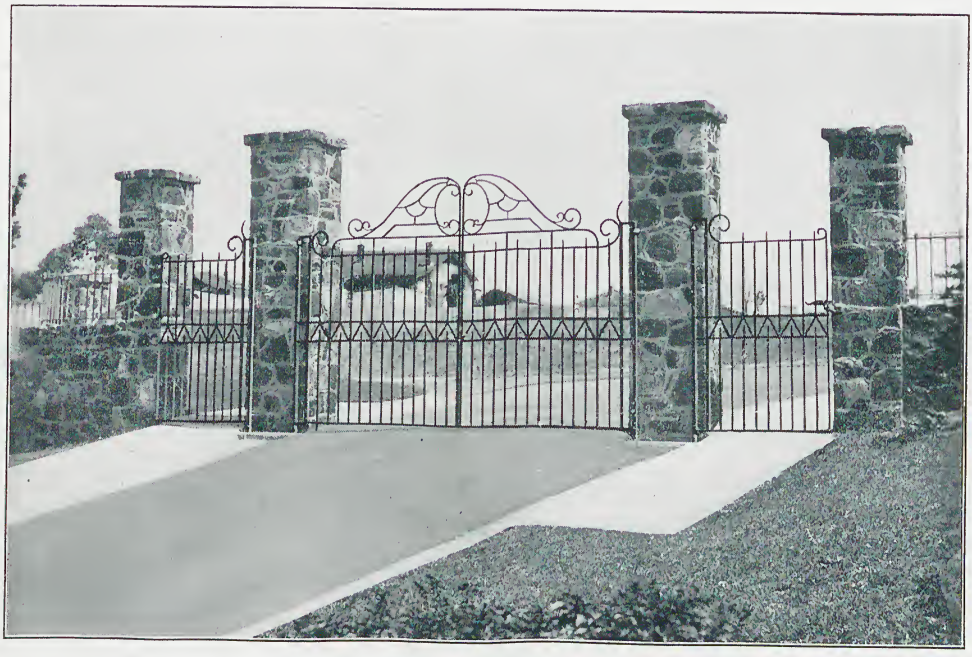


Chain and Knob Catch

No. 86—This illustrates the **"Cyclone" Chain** and **Knob Catch** supplied with all field gates, unless the Double-Way "Dead-Sure" Catch (Style 134) is specially ordered.

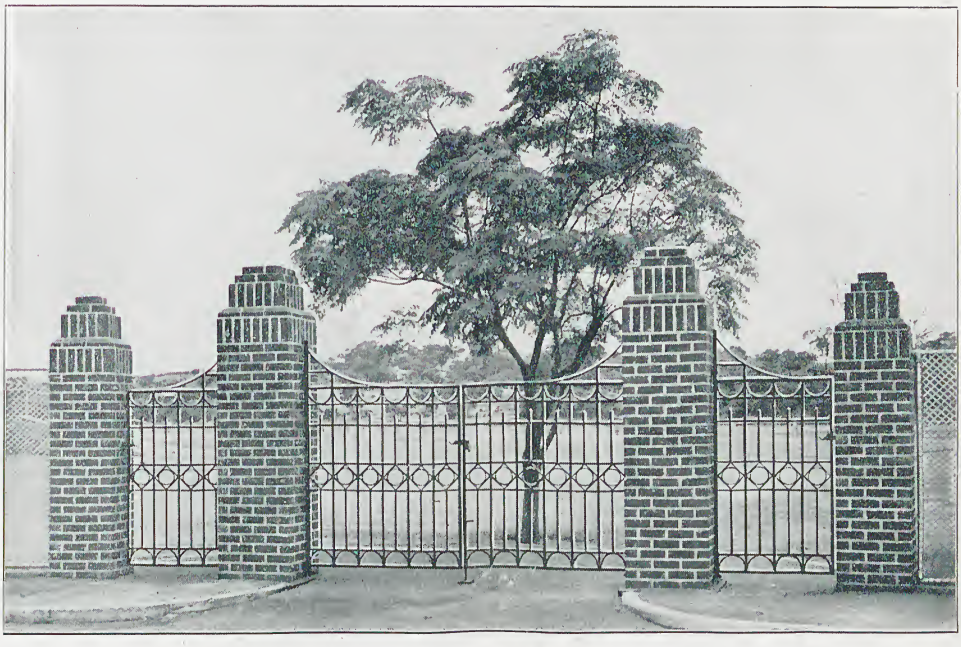
Cyclone
WROUGHT IRON
SECTION

Some examples of **WROUGHT IRON WORK** carried out by us are shown hereunder and on the following pages.

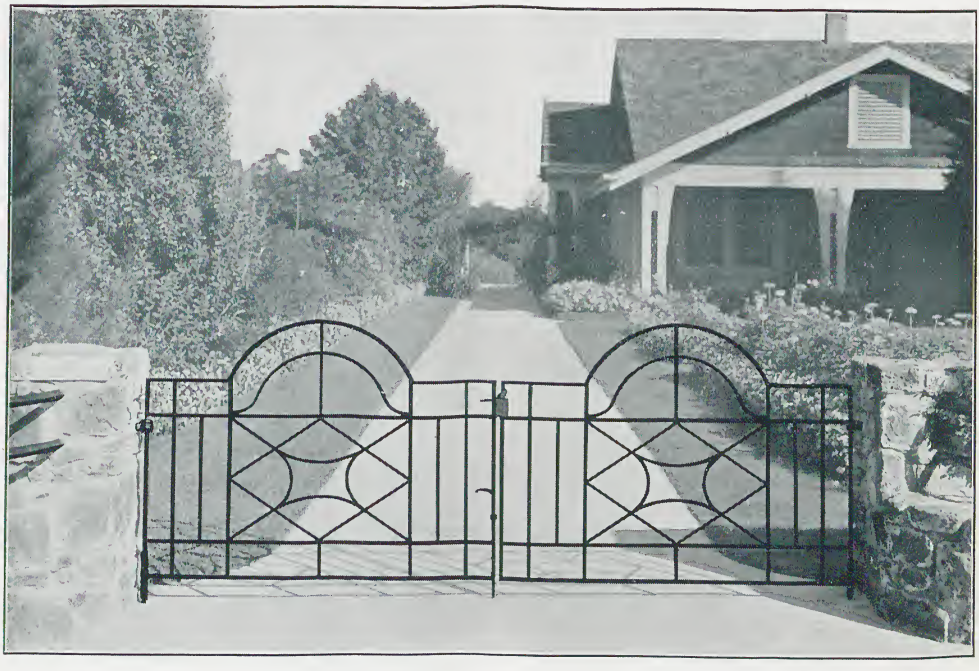


Wrought Iron Gates at an **entrance to a cemetery.**

Entrance Gates at a country estate.



A handsome set of gates at **entrance to a public park.**



Driveway Gates at a suburban home.

Two Handsome Wrought Iron Doors

No. W 7

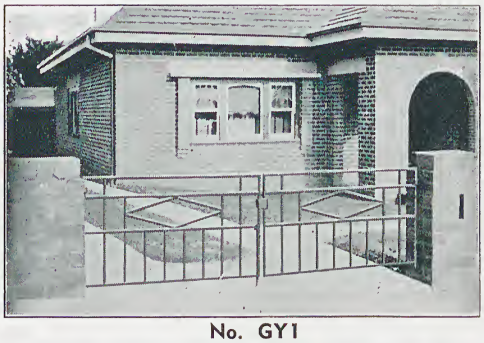
No. W 8

These two artistic **Wrought Iron Fly-Proof Doors** are outstanding examples of "Cyclone" craftsmanship.

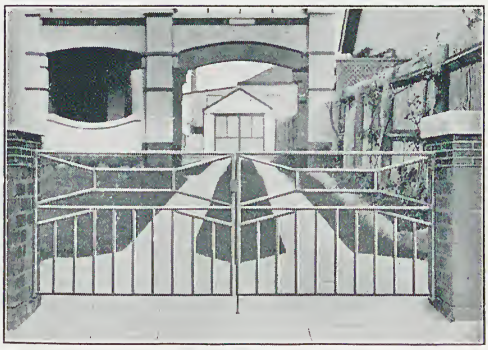
No. GY 271 A

No. GY 268 A

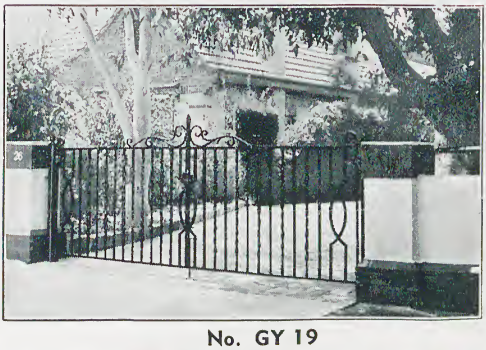
Two particularly fine examples of the craftsman's art.



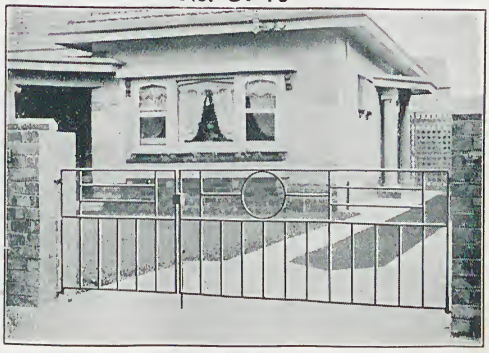
No. GY1



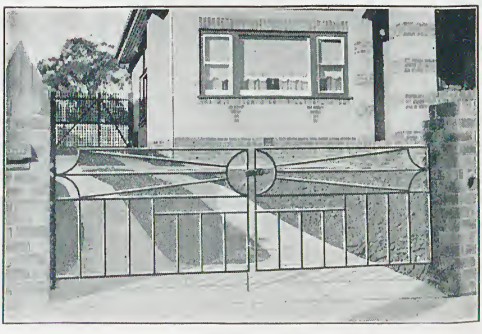
No. GY 16



No. GY 19



No. GY 24



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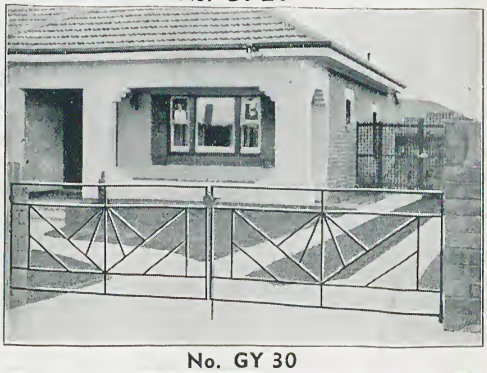
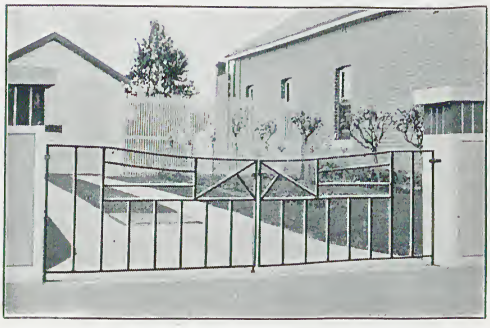
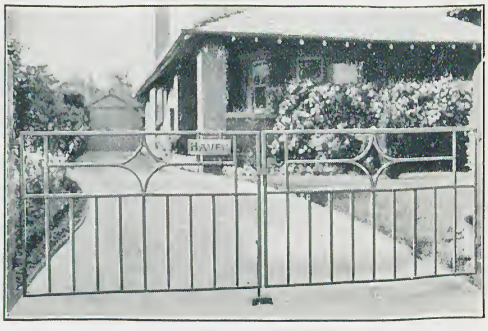


No. GY 30



No. GY 40



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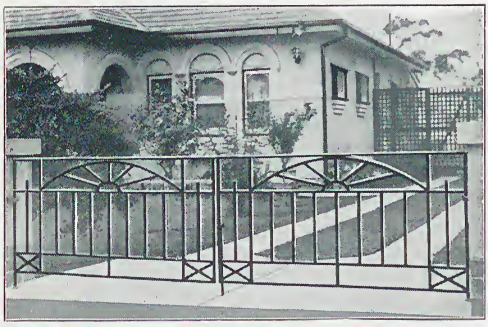
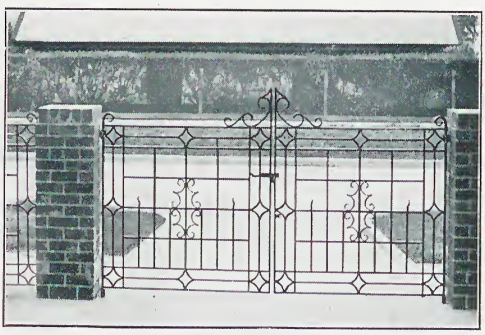
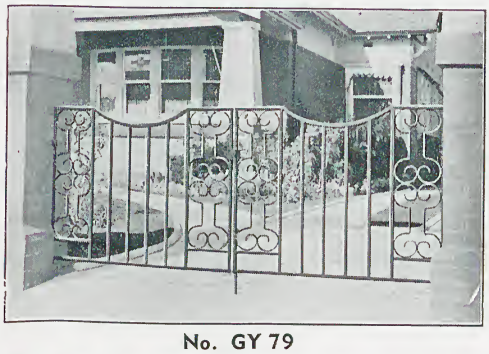


No. GY 62

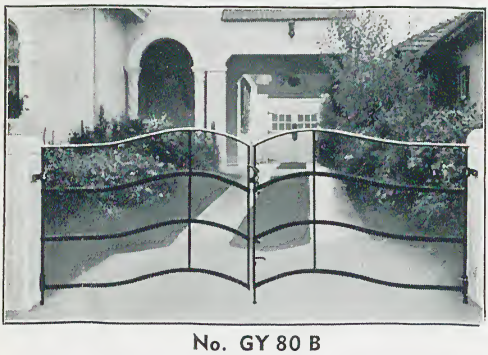


No. GY 70

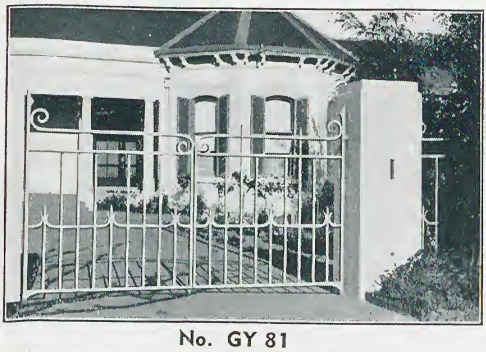
No. GY 77



No. GY 79



No. GY 80 B



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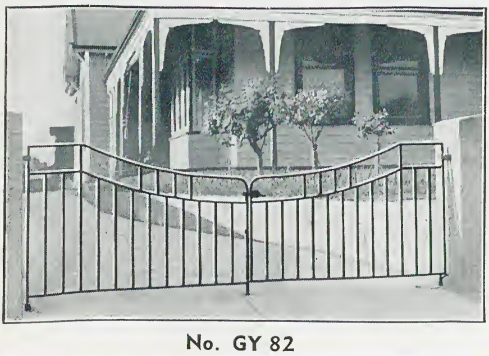
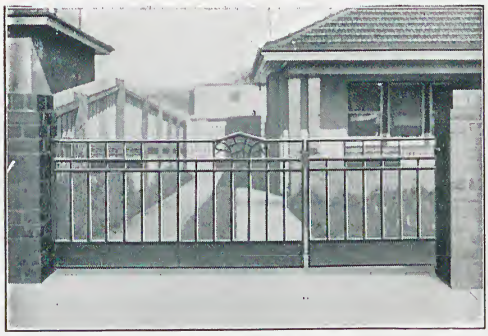


No. GY 82

No. GY 83



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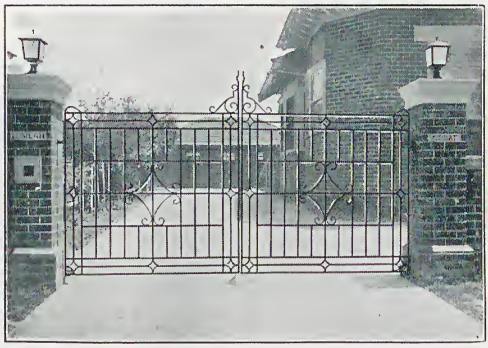
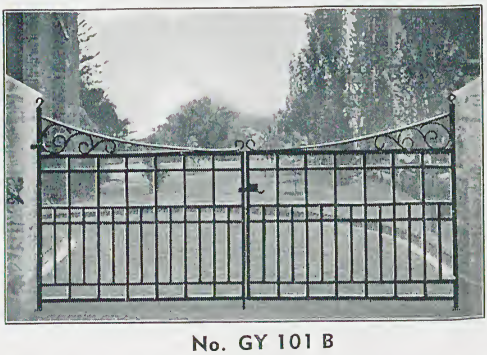


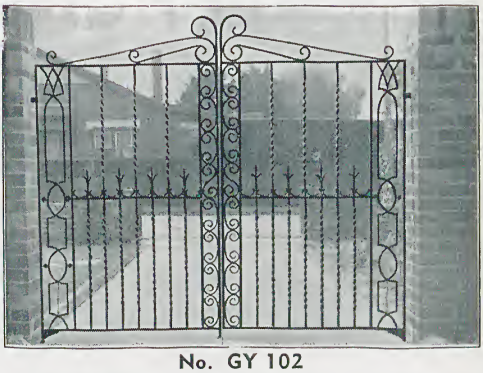
No. GY 85

No. GY 86

No. GY 100



No. GY 101 B



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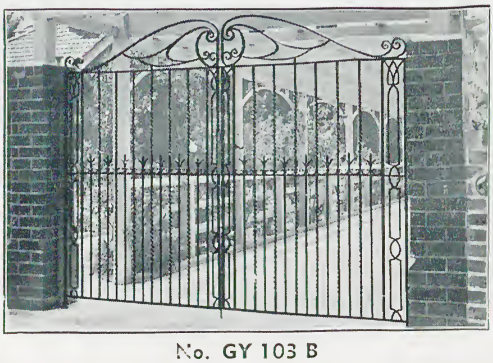
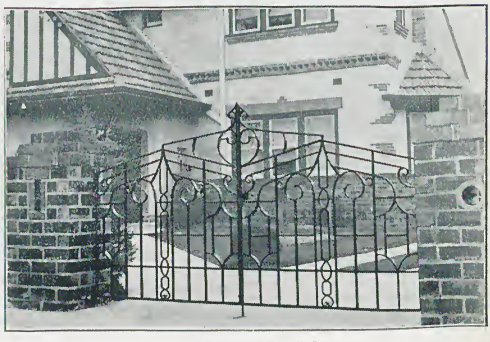


No. GY 103 B



No. GY 114

No. GY 1A

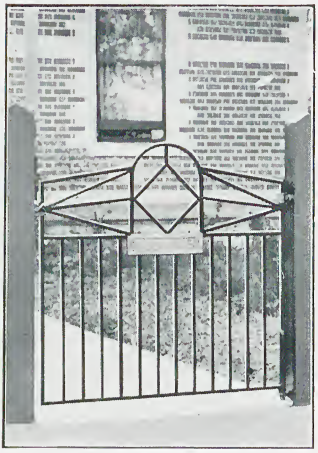
No. GY 22A

No. GY 49A

No. GY 51A

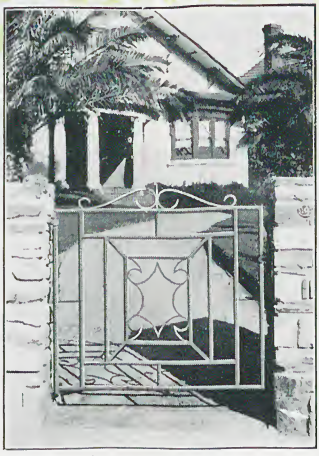
The standard height of Wrought Iron Hand Gates is 2 ft. 9 in. These gates are designed to be hung with a clearance of 3 in. from the ground, which gives an overall height of 3 ft.

Don't cut Catalogue. Just mention Design Number.

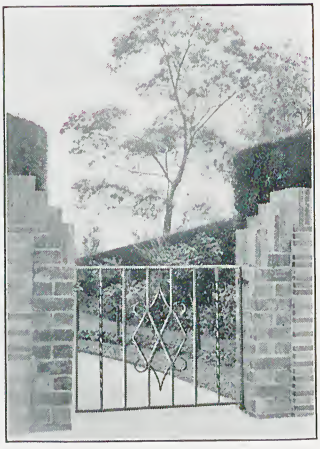


No. GY 53A

No. GY 354A



No. GY 66A



No. GY 88 A

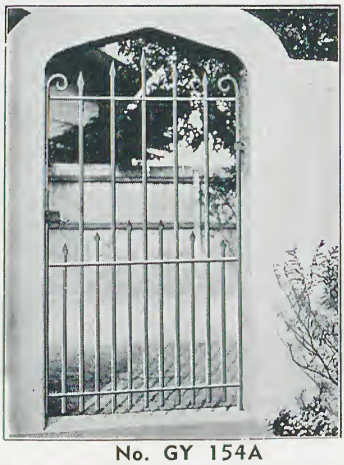
No. GY 59 A

No. GY 150

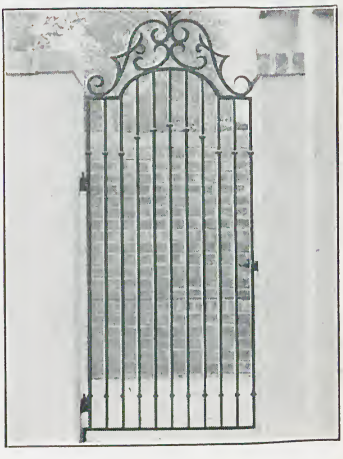
No. GY 152A

These designs are reminiscent of medieval craftsmanship, so many examples of which are still to be seen in older countries.

No. GY 153A

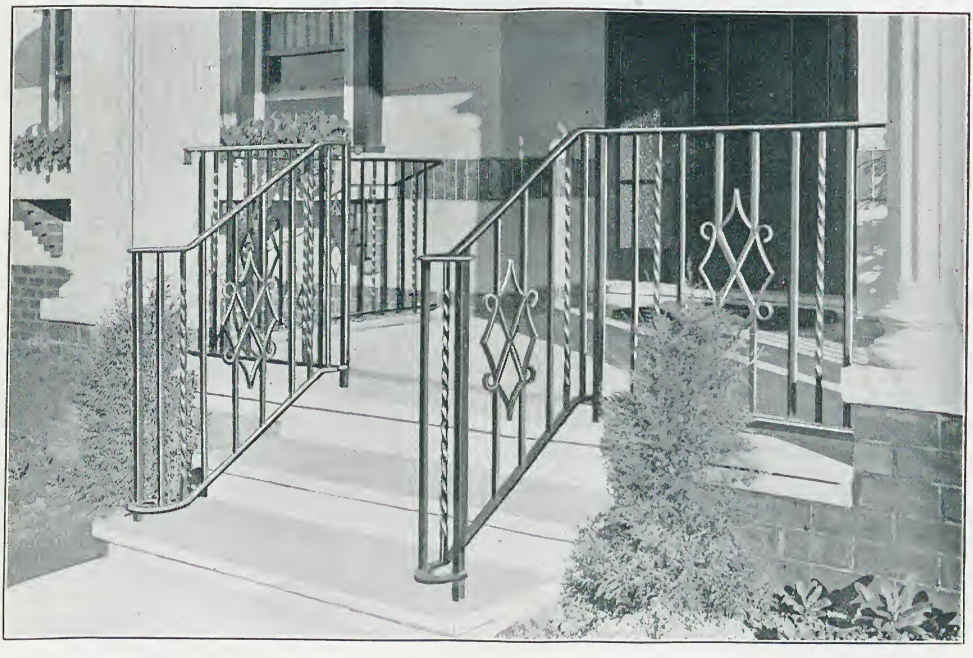


No. GY 154A



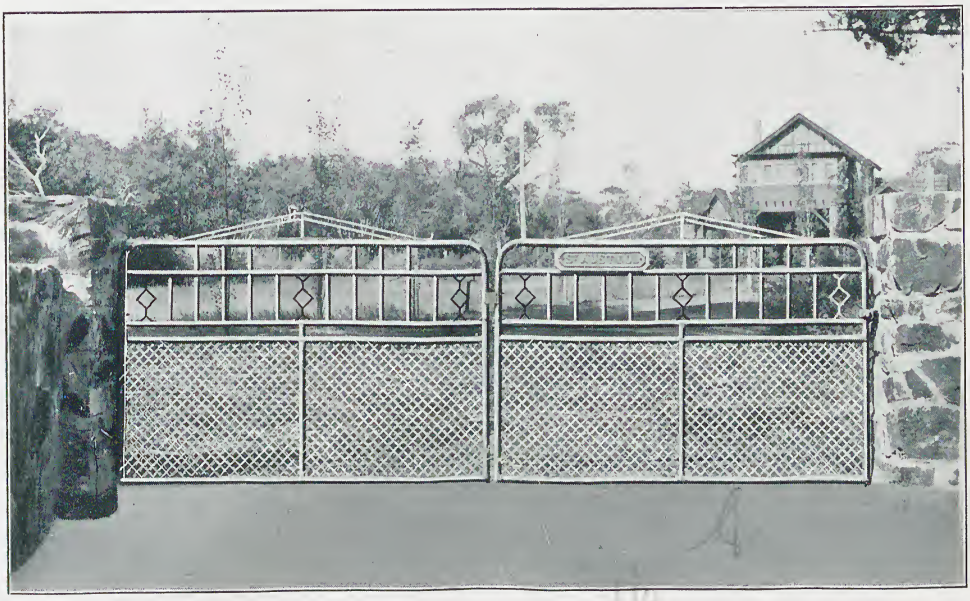
No. GY 155A

Railing and Balustrade setting off a modern home.



Wrought Ironwork making **an effective finish** to a suburban home.

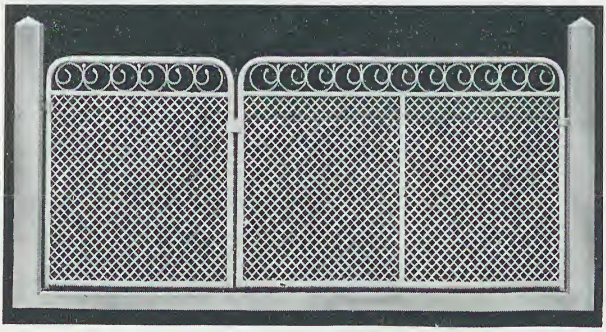
"CYCLONE" DRIVEWAY and HAND GATES of TUBULAR CONSTRUCTION



Tubular and Chain Wire Gates at an entrance to a country home.

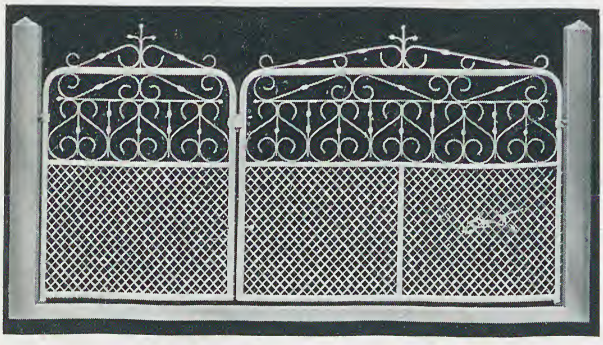
No. 301—A simple but effective design for a **garden** or **park entrance.**

Driveway and Hand Gates



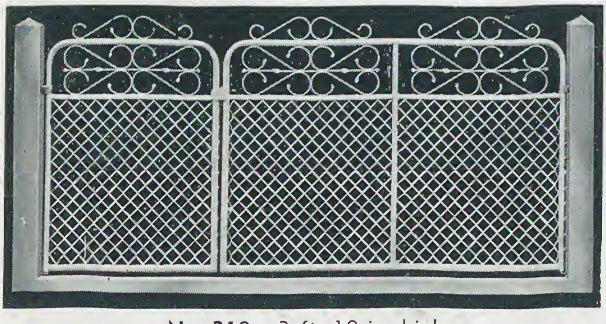
No. 213—3 ft. 10 in. high.

No. 211—3 ft. 10 in. high.

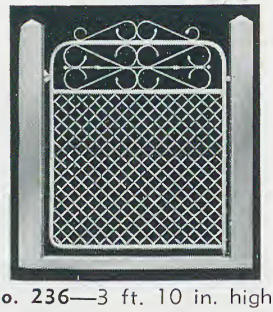


No. 214—3 ft. 10 in. high.

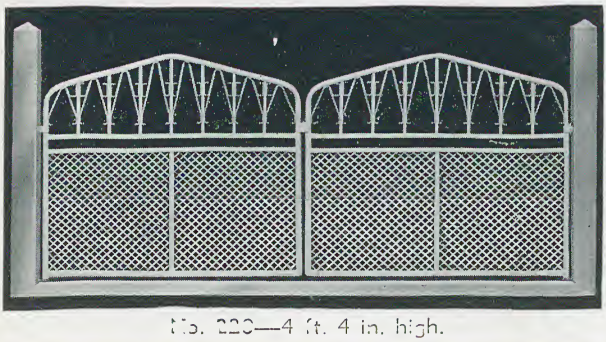
No. 188—3 ft. 10 in. high.



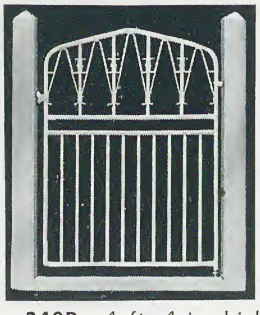
No. 218—3 ft. 10 in. high.



No. 236—3 ft. 10 in. high.

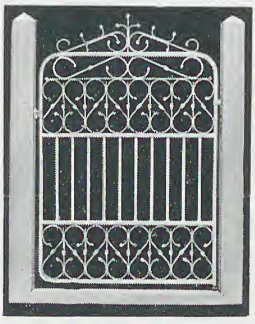


No. 220—4 ft. 4 in. high.



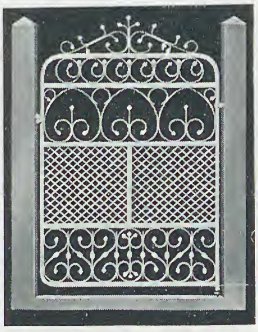
No. 240B—4 ft. 4 in. high.

Driveway and Hand Gates



No. 177B—4 ft. 4 in. high.

No. 176—3 ft. 10 in. high.



No. 179—4 ft. 4 in. high.

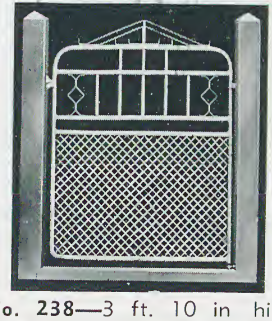
Heights shown are the standard heights supplied unless otherwise ordered. These can be varied if desired.

No. 188B—3 ft. 10 in. high.

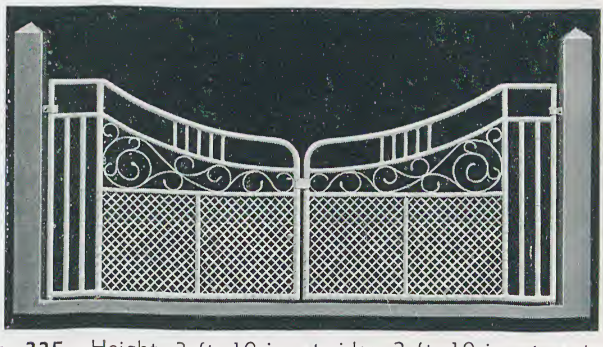
When ordering pairs of gates with leaves of unequal size, please state on which side the small leaf is wanted, viewing the gateway from the street, and, when ordering hand gates, state on which side of the gate the catch is to be fitted, looking at the gate from the street.

All "Cyclone" Hand Gates are self-closing. For details of the self-closing spring see page 42.

No. 268—3 ft. 10 in. high.



No. 238—3 ft. 10 in high.



No. 225—Height, 3 ft. 10 in. at sides, 2 ft. 10 in. at centre.

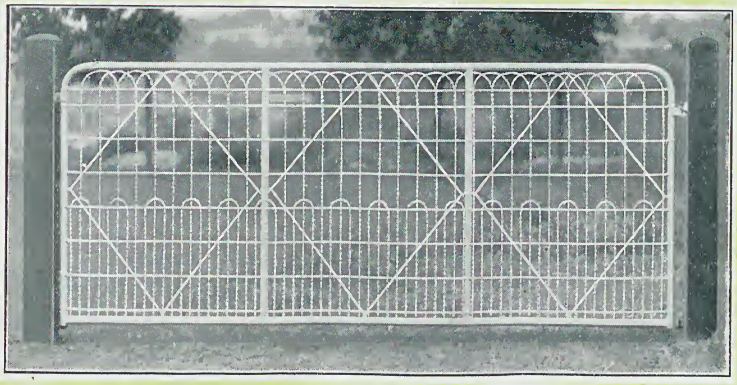
No. 267—3 ft. 4 in. high.

No. 257—Height, 3 ft. 4 in. at sides, 2 ft. 4 in. at centre.

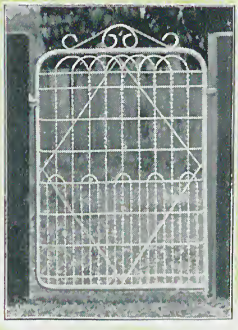
Cyc

Drivewa
Hand

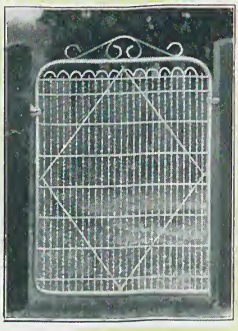
The standard heigh
these pages is 3' 1
be made any h



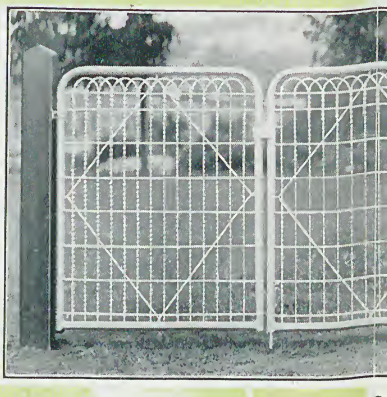
No. 191—Covered with Style "F" Fabric.



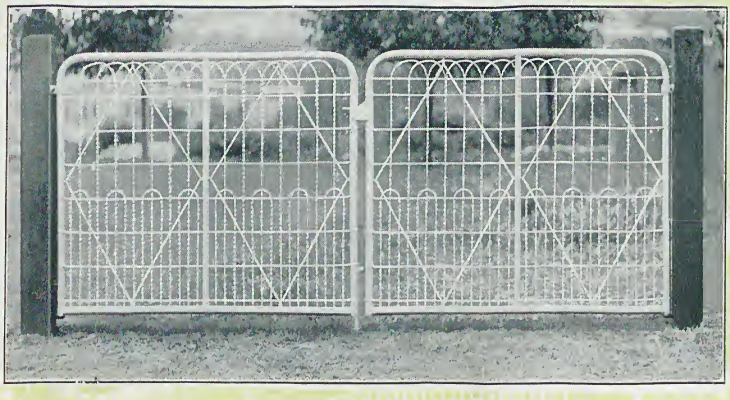
No. 193



No. 197



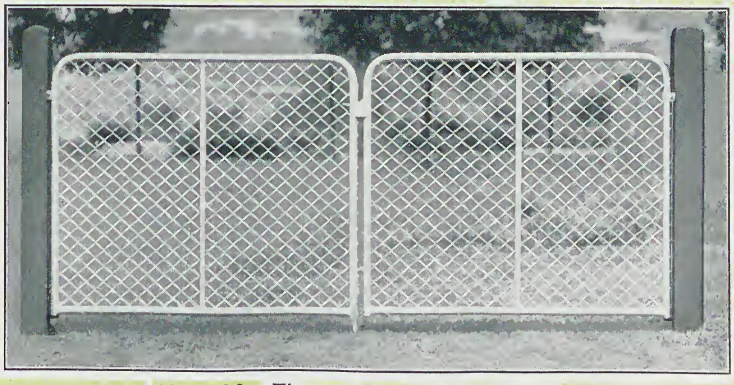
No. 109—Covered with S
gates have a neat and
Can be supplied in e



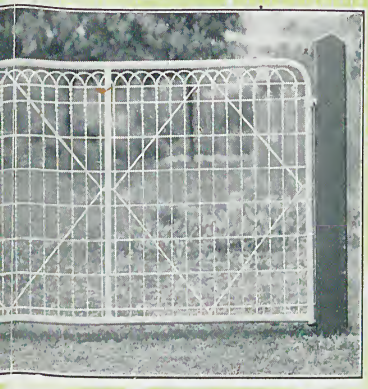
No. 212
Covered with
Style "F"
Fabric.

ay and Gates

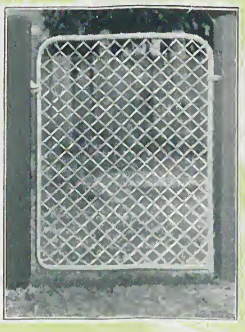
ght of all gates on 10", but they can height desired.



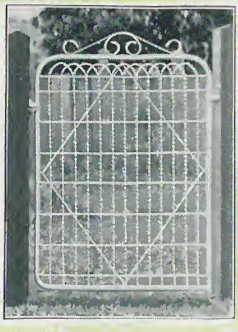
No. 110—These gates are covered with Chain Wire, 2 in. mesh, 12 gauge, and can be made rabbit-proof by using Chain Wire of 1¼ in. mesh, 13 gauge.



Style "A" Fabric, these
d pleasing appearance.
equal leaves if desired.

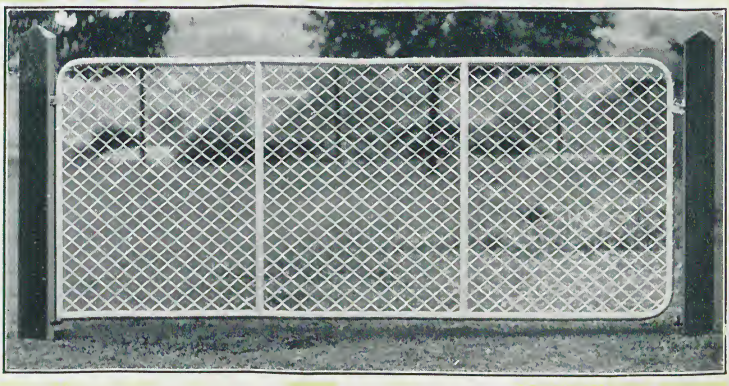


No. 114

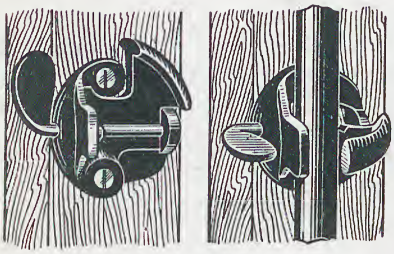


No. 192

No. 112—This gate is covered with Chain Wire, 2 in. mesh, 12 gauge. It can be made rabbit-proof by using Chain Wire of 1¼ in. mesh, 13 gauge, and by making both bottom corners square.

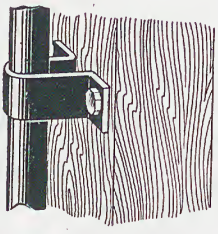


Fittings for "CYCLONE" Driveway and Hand Gates



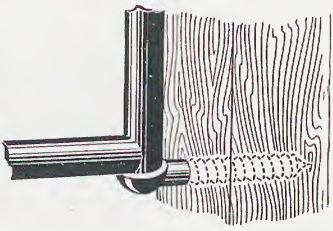
Open. **No. 149** Closed.

"Dead-Sure" Catch, exclusive to "Cyclone," supplied with our hand gates.



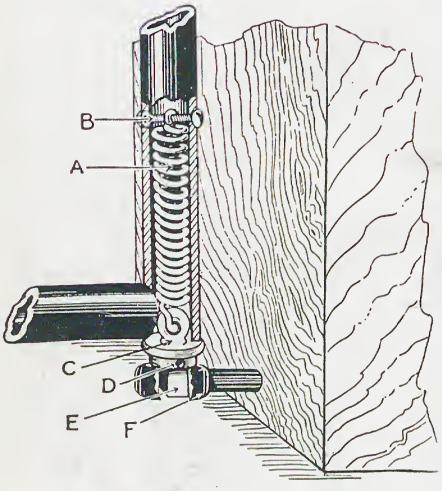
No. 182

Top hinge strap supplied with driveway and hand gates.



No. 183

Screw-pin type bottom hinge supplied with driveway gates.



No. 289

Self-closing Spring supplied with all "Cyclone" tubular hand gates.

(Patented)

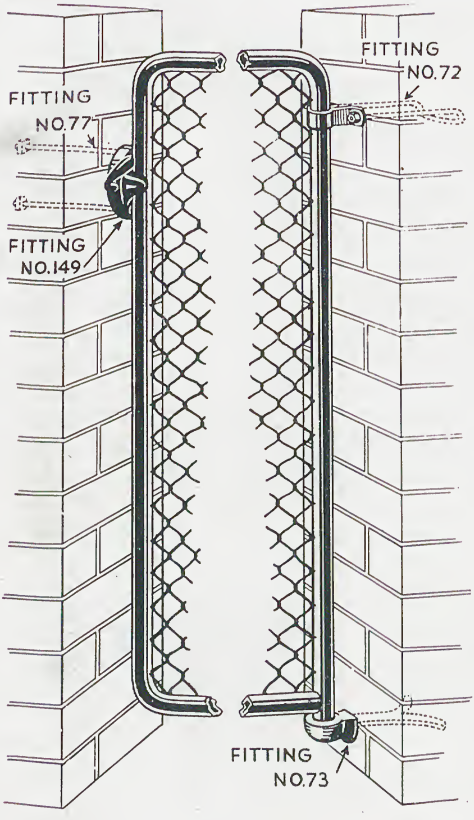
"A" is the coiled spring which makes the gate self-closing.

"B" is the bolt which holds it in position.

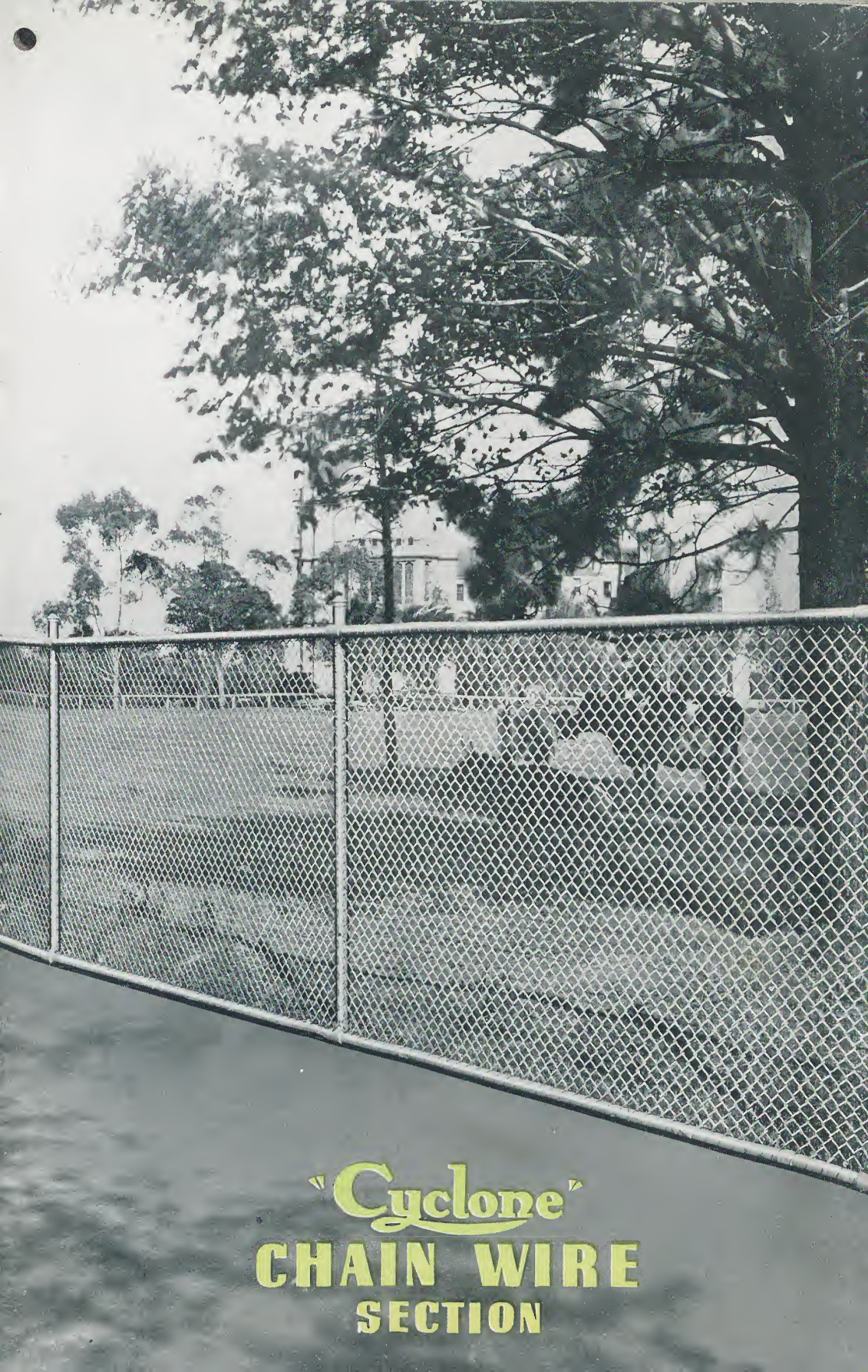
"C" is the hole in member through which the lower end of the spring is hooked, and which winds the spring up as the gate is opened.

"D" is one of the holes in the casting, of which **"C"** is part, by means of which the tension of the spring can be regulated as desired.

"E" is the plug at the bottom of the casting which fits into a square hole in the screw pin **"F"** and thus maintains the tension of the spring.



Nos. 72, 73 and 77 illustrate the **Special Fittings** used when gates are to hang between brick or concrete piers. Only supplied when specially ordered. No extra charge.



"Cyclone" CHAIN WIRE SECTION

"Cyclone" OFFSET FITTINGS

PATENTED ... MAKE A PERFECT CHAIN WIRE FENCE

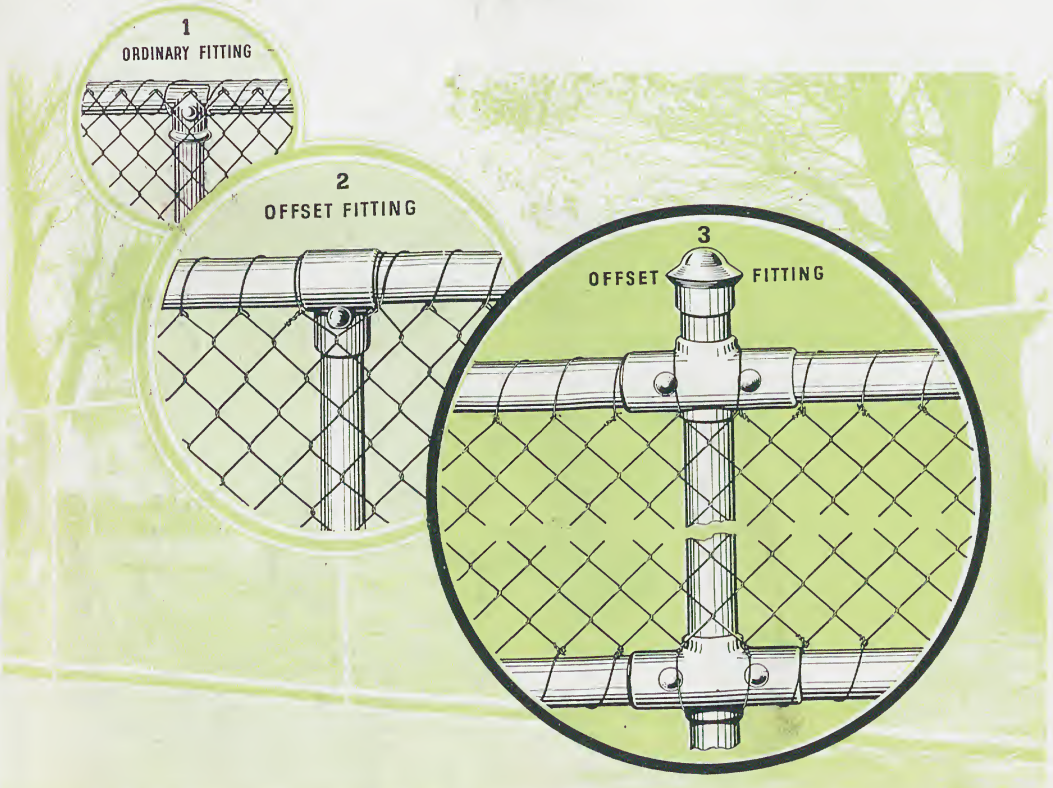
(Patent No. 540/37)

THESE PATENTED FITTINGS, exclusive to the Cyclone Company, allow the intermediate posts in a line of fence to be set back 5/8" thus permitting the chain wire to be laced underneath the top rail and on top of the bottom rail, instead of on the face.

The advantage is obvious, as, in addition to ensuring a much neater job, the possibility of damage to the wearing apparel of spectators at Sports Ovals and the like is eliminated.

Illustration No. 1 shows portion of a fence erected with ordinary fittings, where the chain wire is laced on the face of the rail.

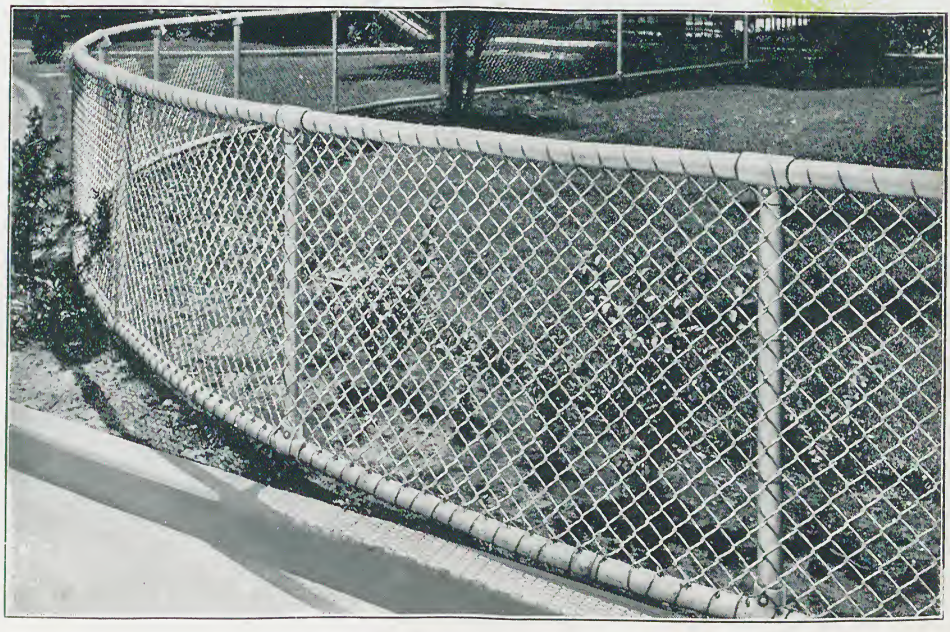
Illustrations No. 2 and No. 3 show the neat appearance achieved by the use of the "Cyclone" patented offset fittings.



"Cyclone" CHAIN WIRE

"Cyclone" patented offset fittings are only supplied for use with fencing erected or supplied by us.

Photograph of section of fence erected with "Cyclone" patented offset fittings. Note the neat and effective finish.



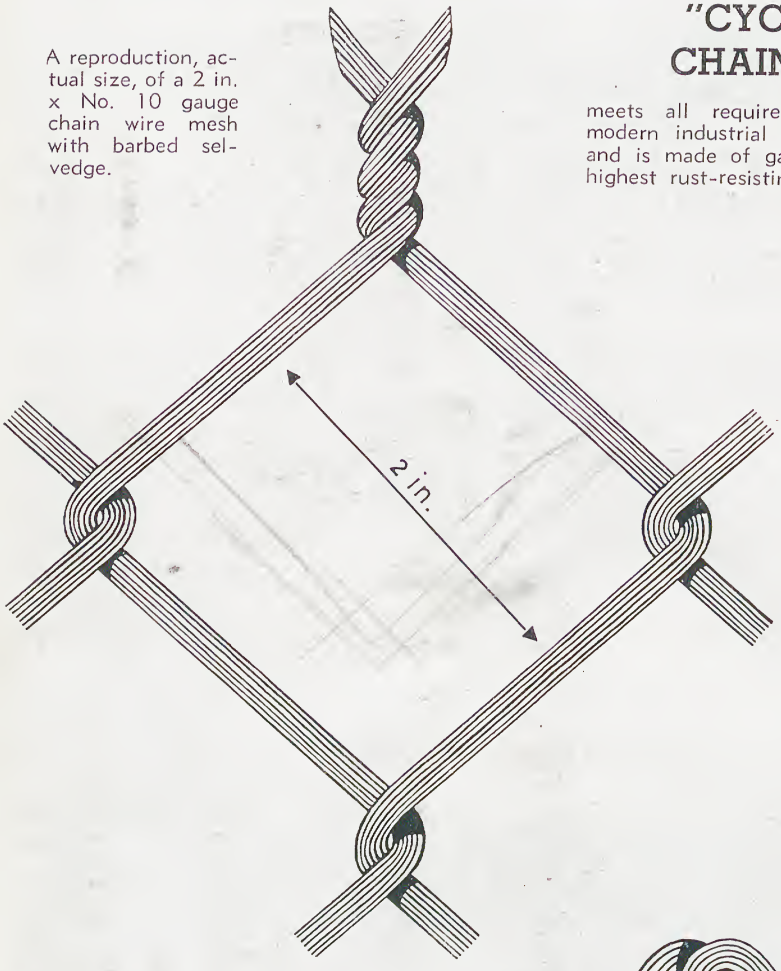
"CYCLONE" CHAIN WIRE

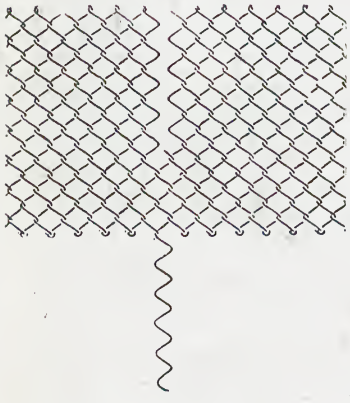
meets all requirements demanded in modern industrial or domestic fencing, and is made of galvanised wire of the highest rust-resisting quality obtainable.

It can be erected on wooden or tubular steel posts, with wooden or metal pipe rails and plinth. It needs no maintenance, therefore it is economical, and fencing costs are reduced to the absolute minimum by its use.

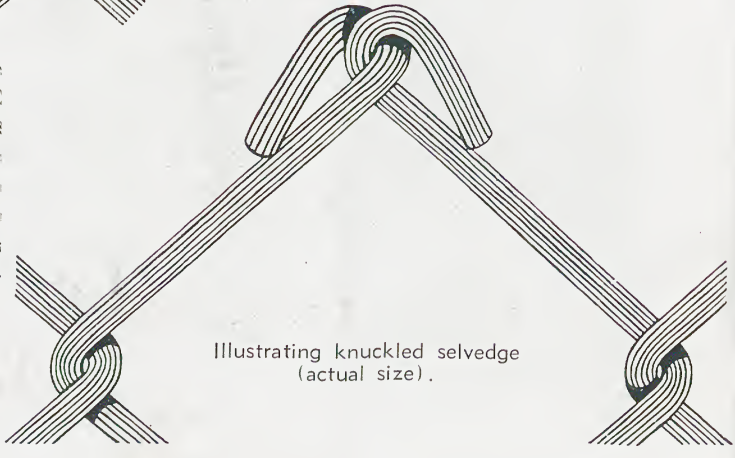
It is manufactured in any mesh from ½ in. to 6 in., and in any gauge from 4 to 16. Its uses are varied and many, and it is highly recommended for Factory Fencing, Machinery Guards, Playground Fencing, Tennis Court Enclosures, Animal Cages, Tree Guards, Suburban Fencing, Window Guards, Lift Guards, Stairway Guards, etc.

A reproduction, actual size, of a 2 in. x No. 10 gauge chain wire mesh with barbed selvedge.

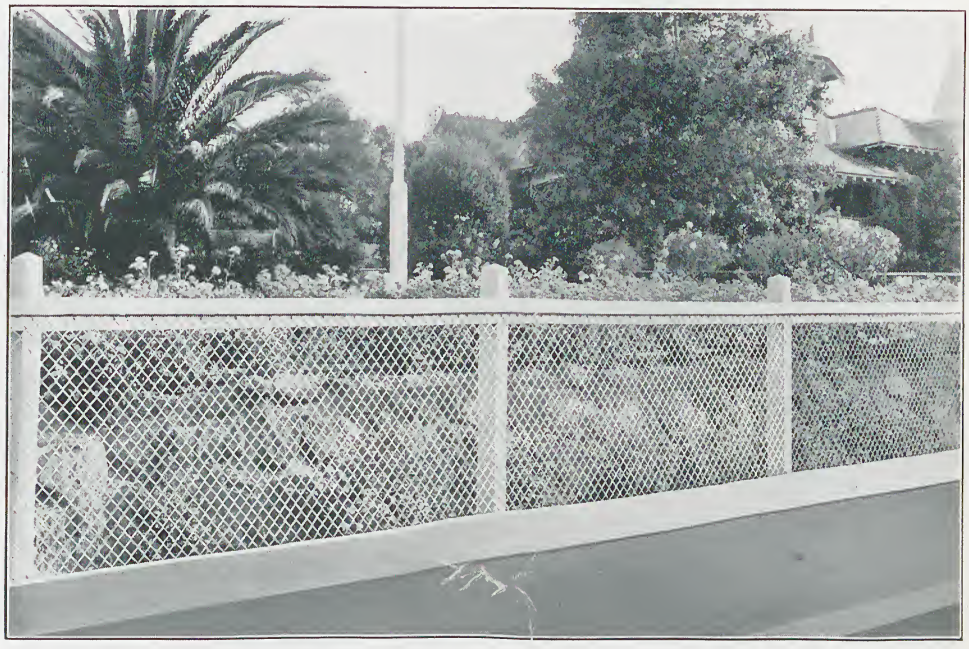




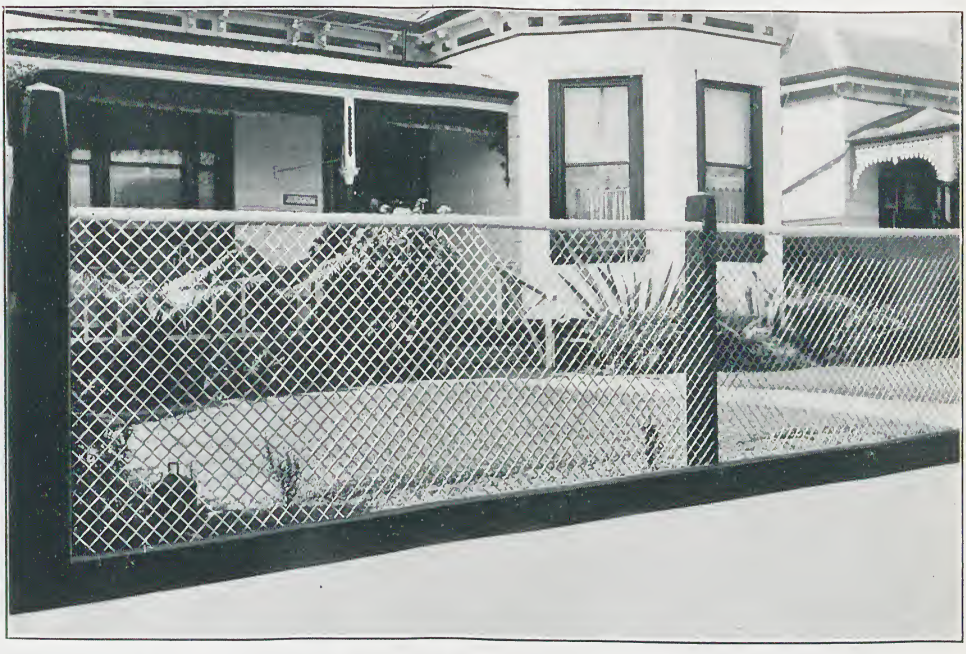
Showing method of joining or severing chain wire.



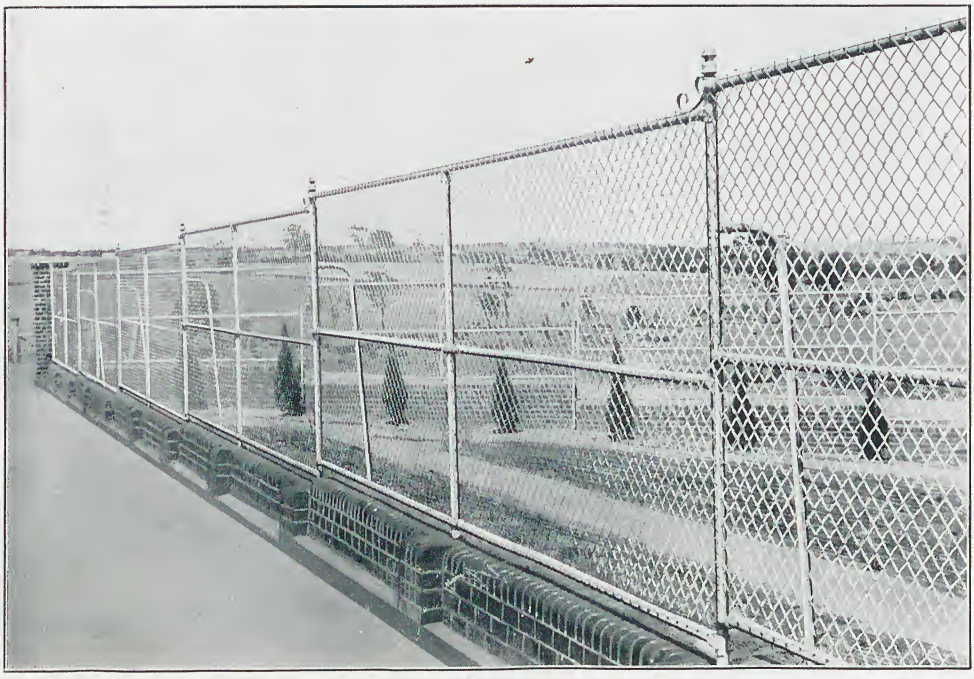
Illustrating knuckled selvedge (actual size).



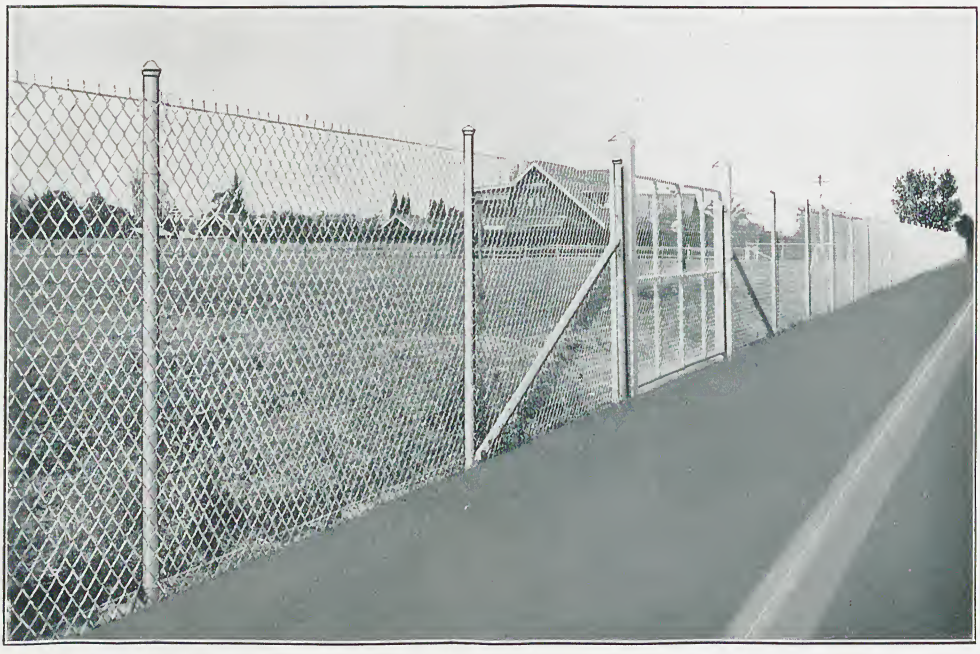
"Cyclone" Chain Wire adds dignity to the home and beauty to the garden.



A **"Cyclone" Chain Wire Fence,** as illustrated above, is not expensive, but gives perfect protection in addition to improving the appearance of the property.

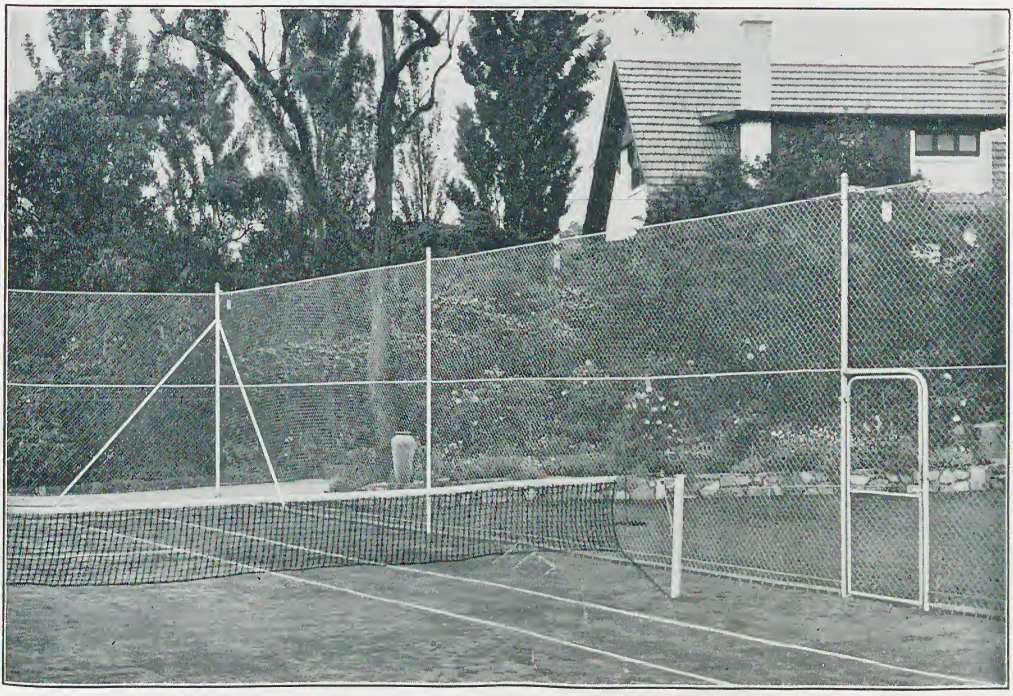


Chain Wire enclosure erected on a brick base.



Railless type of Chain Wire enclosure with barbed selvedge at top.

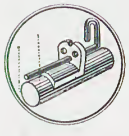
Tennis Court Enclosures



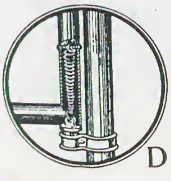
This type of **tennis court enclosure** has been specially designed by us, its main feature being that no horizontal rails are required, and posts can be spaced from 30 ft. to 50 ft. apart. A substantial saving in material and labour is thus effected without in any way impairing the appearance, strength or utility of the enclosure.

A—Finishing cap top of posts.

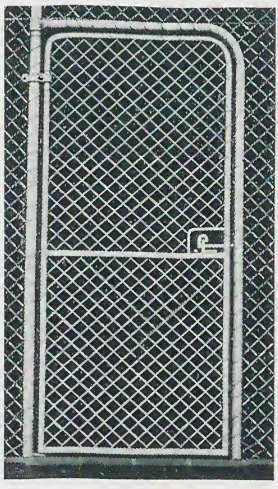
B—Method of attaching gateway frame to the diagonal strut.



C—Padbolt with **locking device,** enabling gate to be locked if desired.



D—Self - closing spring built into gate.



No. 253.—We also manufacture this Gate covered with wire netting.

Tennis Court Gate

Made with frame of 1⅜ in. galvanised steel tube, covered with Chain Wire, 1½ in. mesh, 13 gauge. Supplied with fittings for wooden posts or pipe standards as required. 6 ft. 6 in. high, and made to fit openings of 3 ft. or 3 ft. 6 in.

When ordering, state whether fittings for wood or pipe are required. If pipe, give internal measurement of same.

Also state actual height gate is required.

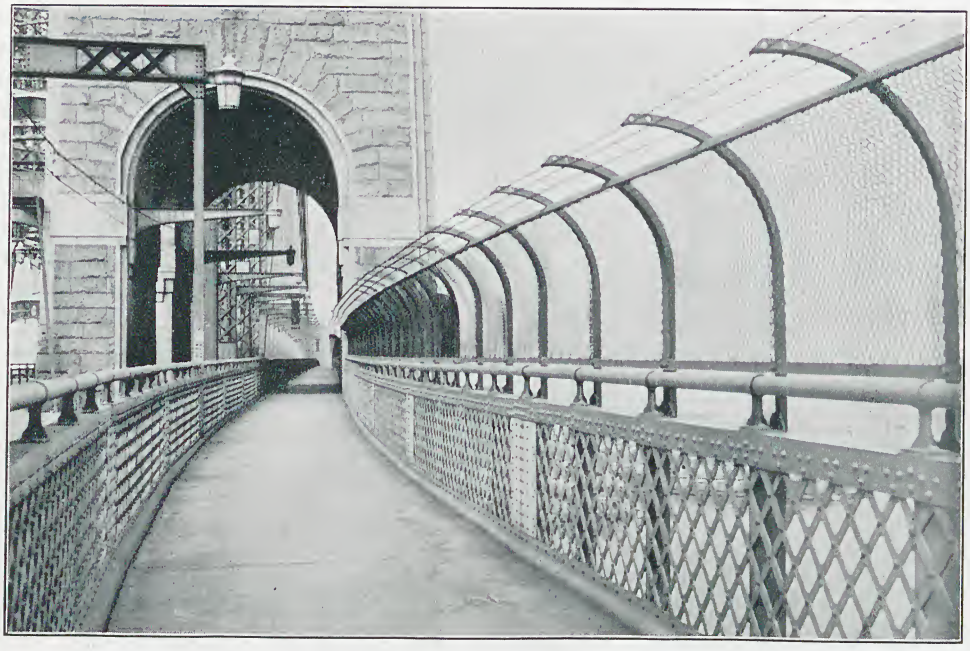
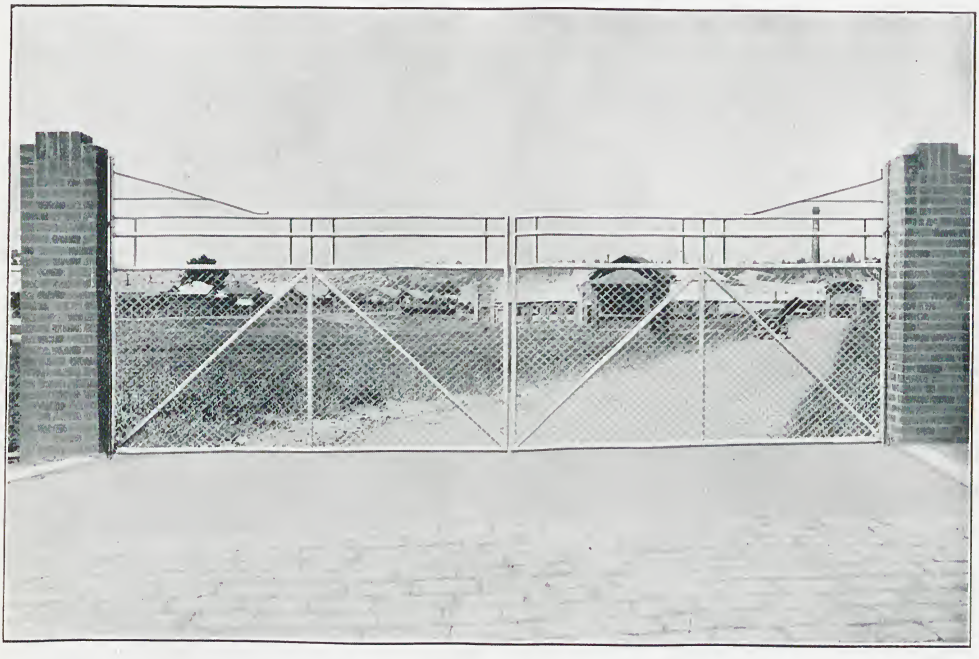
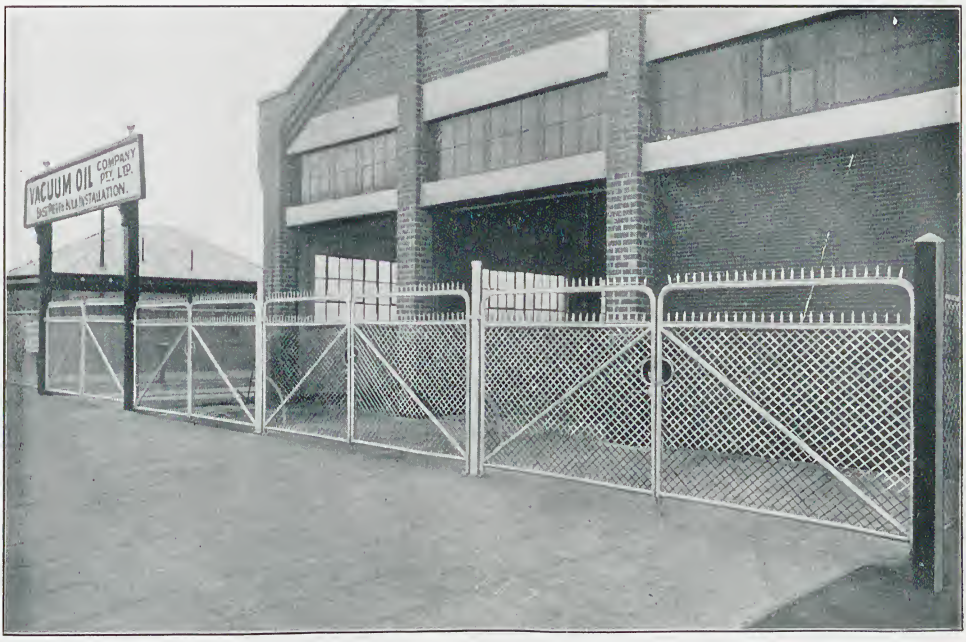


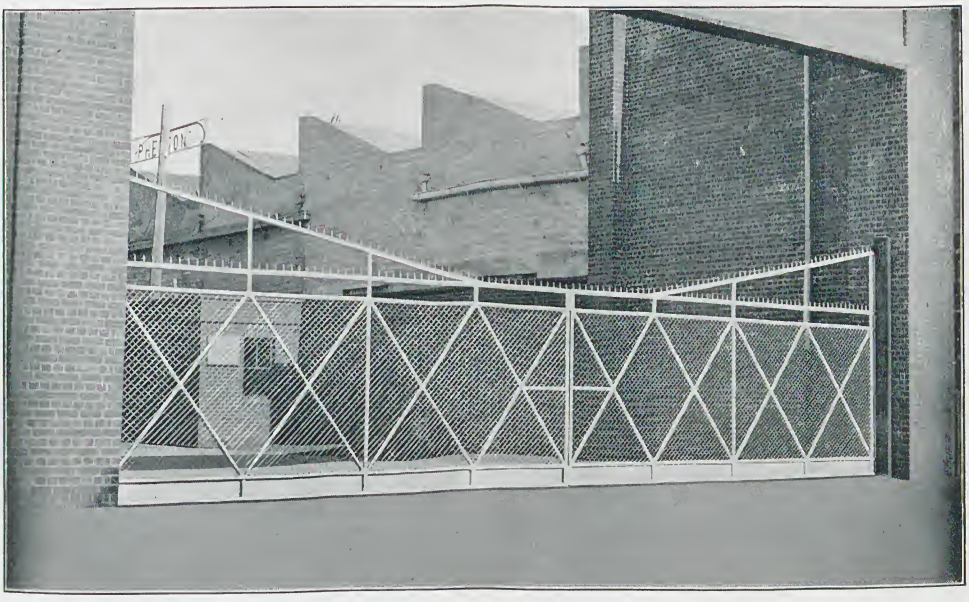
Illustration of the Sydney Harbour Bridge showing **Chain Wire** manufactured and erected by the **Cyclone Fence & Gate Co.**



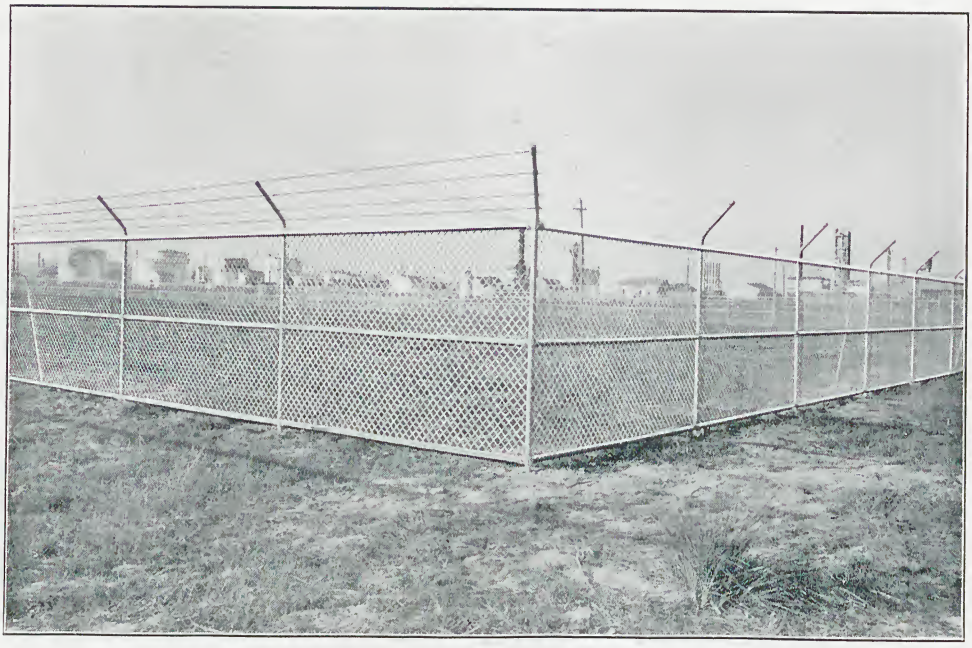
Special Pair of Gates made to fit opening of 22 ft. at entrance to grounds of a large factory.



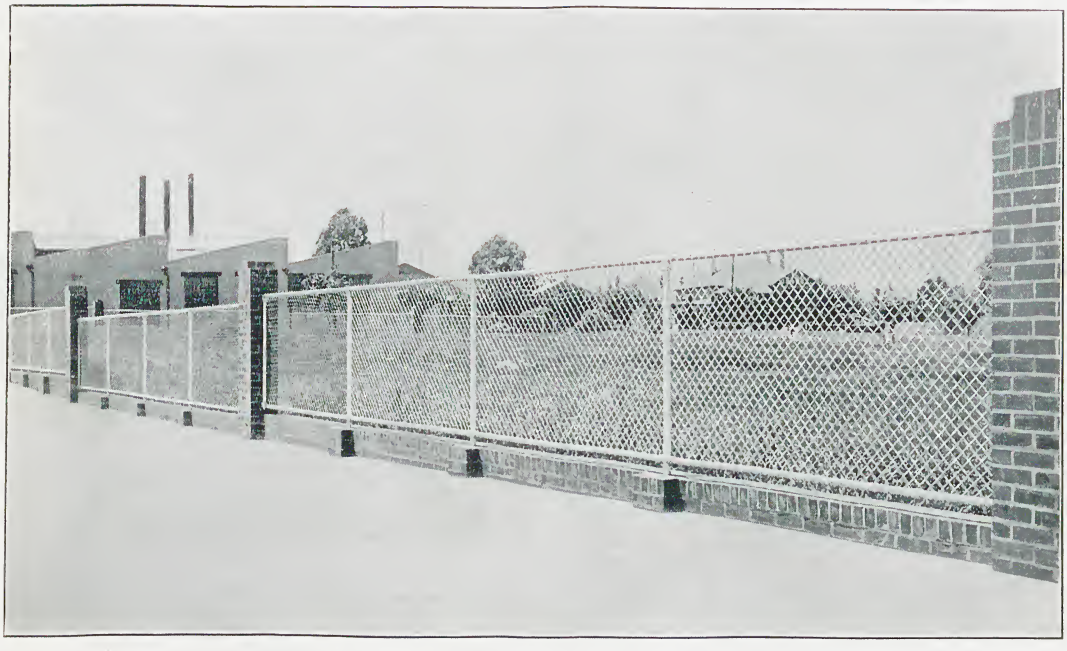
Set of gates specially made for an Oil Company's depot.



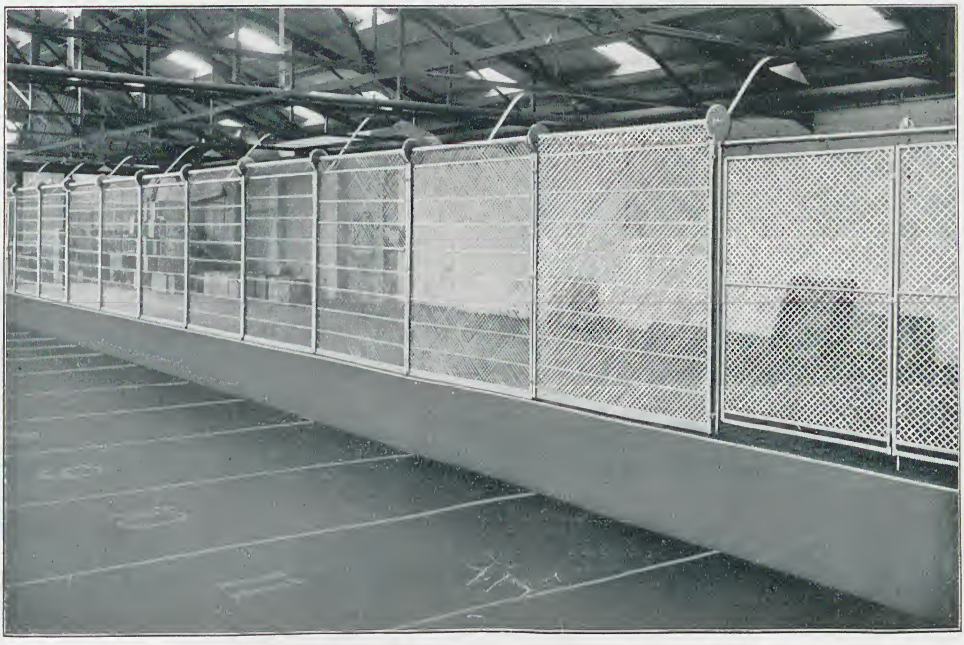
Pair of **Tubular** and **Chain Wire Gates** filling an opening of 41 ft. at a large engineering works.



Factory Protection Fence as supplied to a large manufacturing company.



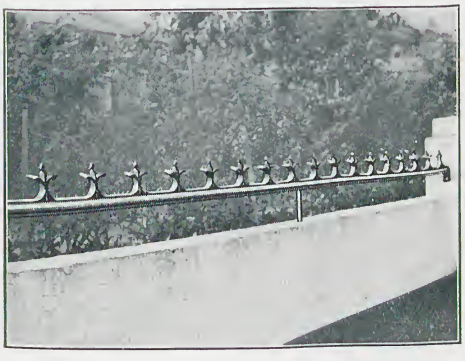
Chain Wire Fence enclosing a metropolitan factory.



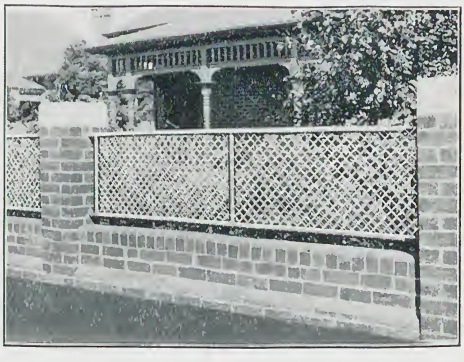
CHAIN WIRE ROLL-UP SHUTTERS

These shutters work on a spring roller operating on the principle of a roller blind.

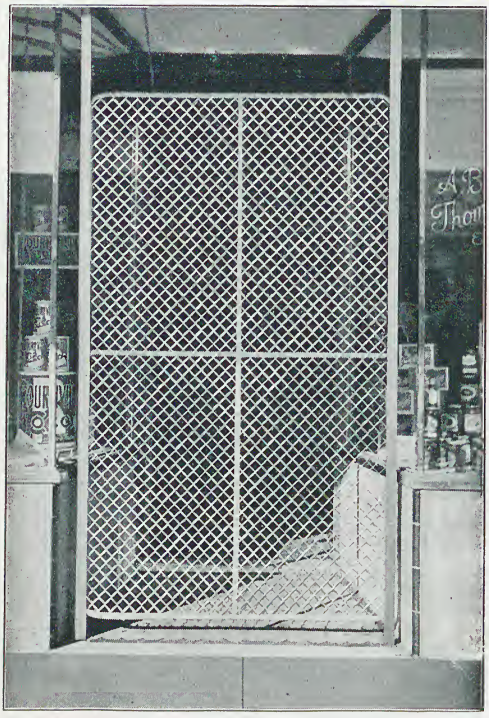
WROUGHT IRON AND CHAIN WIRE COMBINE WITH BRICKWORK TO MAKE DISTINCTIVE FENCES.



No. 7—A neat **Cresting for a brickwork fence.** The Cresting is 4 in. above the railing.



No. 9—Chain Wire Panels built into brickwork are made in heights of from 12 in. to 30 in.



No. S1.—Single Doorway Guard.

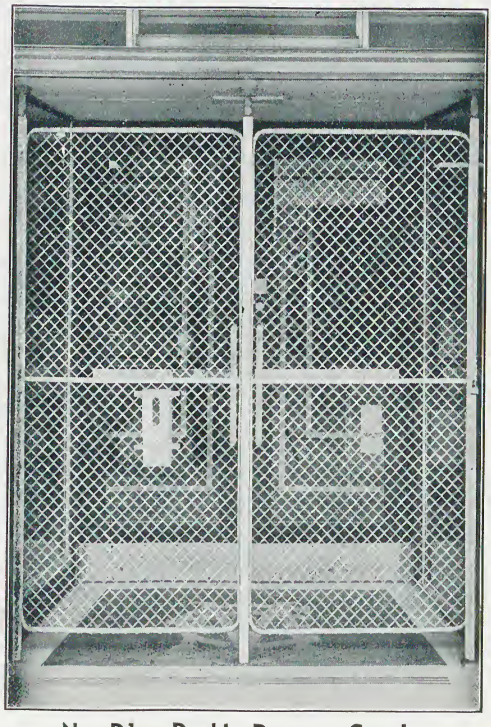
Shop Front Guards

These Shop Front Guards are light, strong, and easily removed. They will keep out intruders and also keep shop entrances tidy and clean.

Guards S1 and D1 are made with frames of ½" tube and stays of ⅜". They are covered with 1¼" mesh Chain Wire, and are hung on angles of 1½ x ¼, which are let into special fittings flush with footpath at the bottom and also fittings secured to ceiling.

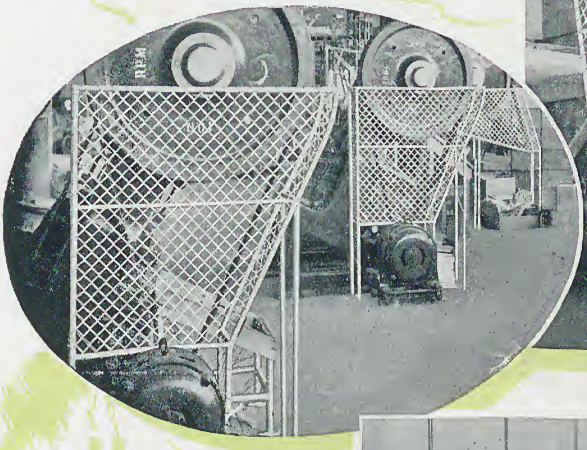
S2 illustrates a guard of somewhat cheaper type which is of tubular construction throughout.

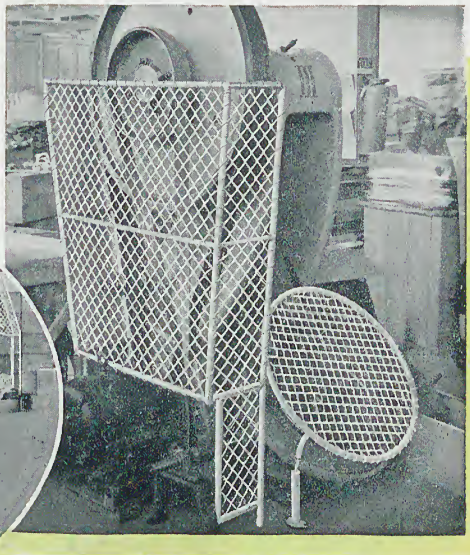
No. S2.—Single Doorway Guard.

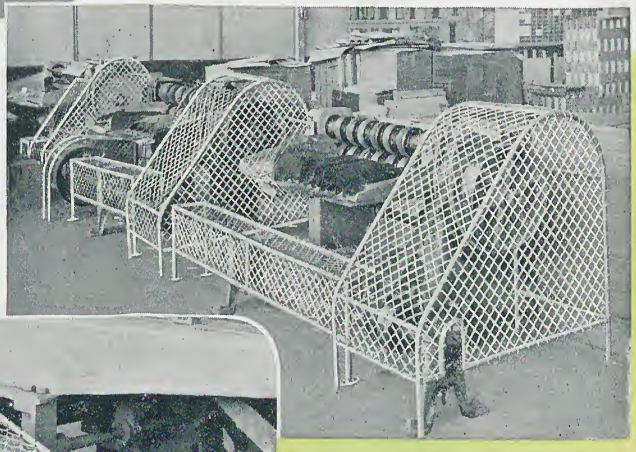


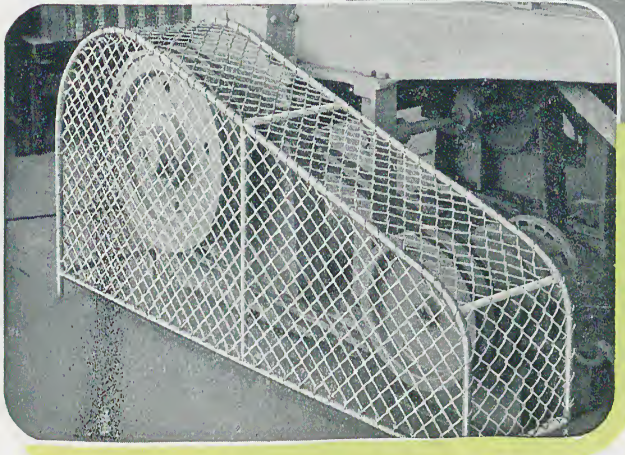
No. D1.—Double Doorway Guard.

MACHINERY GUARDS





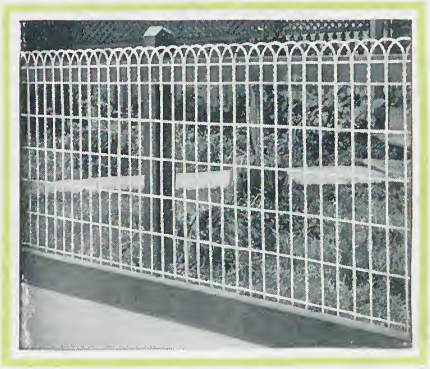




"CYCLONE" Chain Wire Machinery Guards are strong, neat and safe, and can be made to any shape or size. These guards give absolute protection from moving machinery.

Specifications of "CYCLONE" Woven Fabric Fencing

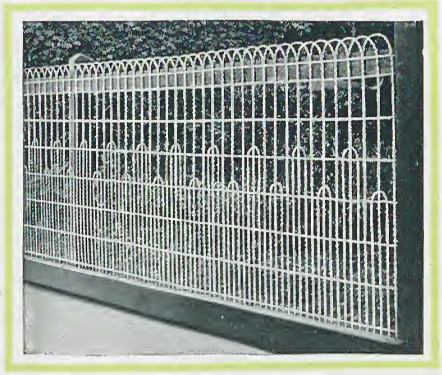
Horizontal lines are two No. 13 galvanised wires of highest rust-resisting quality, cabled together with a reverse twist between each upright picket. These line wires are spaced 6 in. apart, except at the top, where they are about 2⅜ in. apart. They cannot possibly become untwisted, but become tighter the more the fence is strained. The upright crimped pickets are of 8 gauge special galvanised wire of highest rust-resisting quality, and in No. 31 are spaced 1¾ in., 2¼ in., or 3 in. apart, as may be ordered. In Nos. 39 and 45 the pickets are spaced 3 in. apart at the top, and 1⅜ in. apart at the bottom, and in No. 46 the pickets are 1 in. apart.



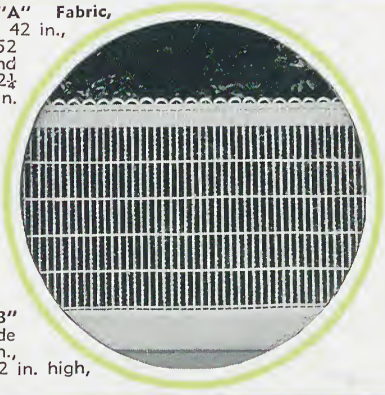
The **Fabric Fences** depicted in **Nos. 31, 39, 45** and **46** make admirable **frontage fences** for **suburban** or **country homes, parks, public gardens,** etc. They are graceful and strong, and enhance the appearance and value of any property. In addition, they are inexpensive to erect and cost practically nothing to keep in order and repair.

Genuine "Cyclone" Fabric Fence is manufactured only by the Cyclone Fence & Gate Co. Pty. Ltd., Melbourne, Sydney, Adelaide, and Perth.

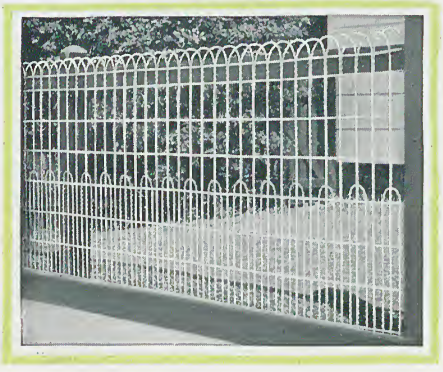
No. 45—"C" Fabric, made 36 in., 42 in., 46 in., and 52 in. high.



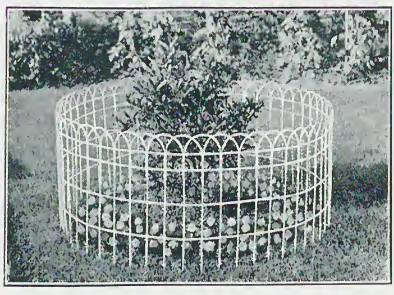
No. 31 — "A" Fabric, made 36 in., 42 in., 46 in. and 52 in. high, and in 3 in., 2¼ in. and 1¾ in. mesh.



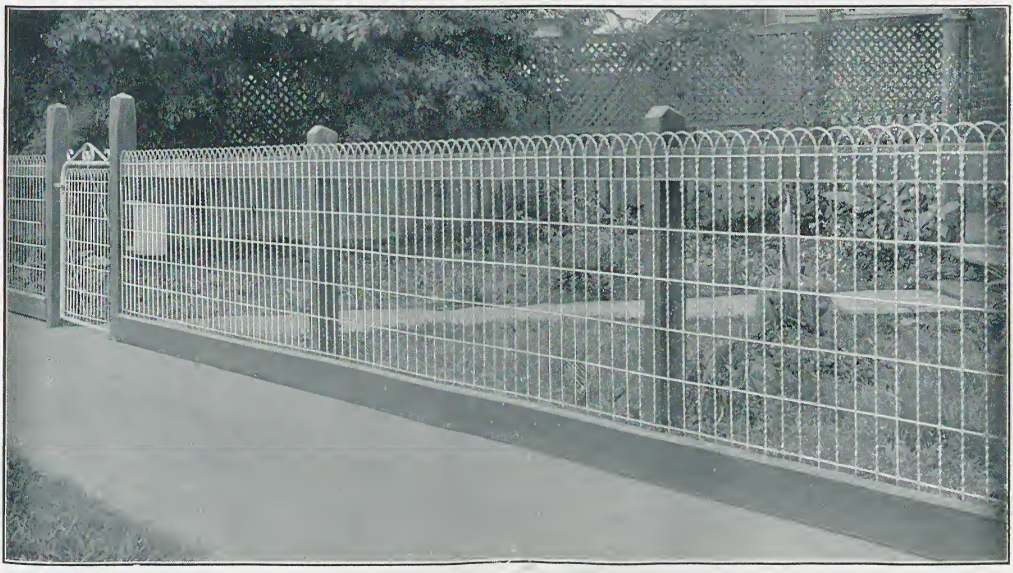
No. 46 — "B" Fabric, made 36 in., 42 in., 46 in. and 52 in. high, 1 in. mesh.



No. 39—"F" Fabric, made 36 in., 42 in., 46 in., and 52 in. high.

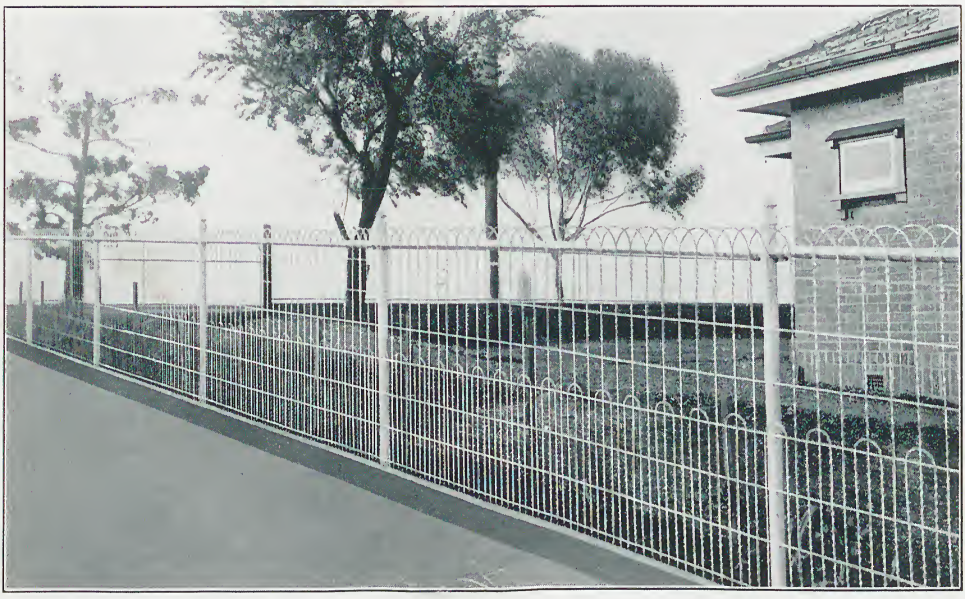


Flower Bed Guard is made with projecting picket ends for pushing into the ground. No posts are required, and it can be taken up and used again from year to year. Made 12 in., 18 in. and 24 in. high. Suitable for croquet lawns.

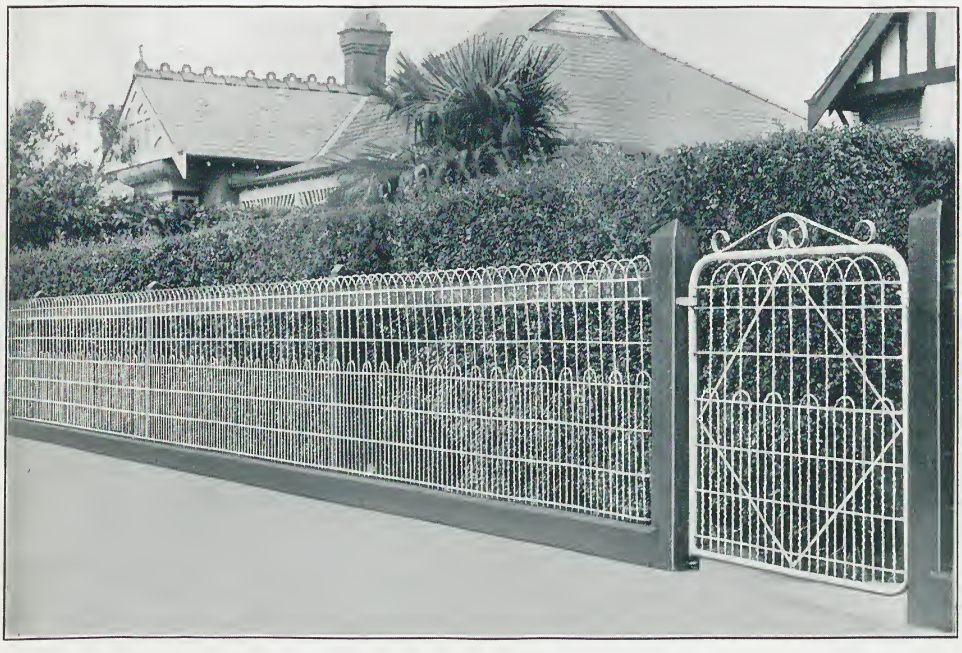


"Cyclone" Woven Fabric Fencing, Style "A," 3 in. mesh, with hand gate to match.

"Cyclone" Woven Fabric Fencing, Style "C," with No. 218 entrance gates.



"Cyclone" Woven Fabric Fencing, Style "F," erected on galvanised tubular posts and rail, with wooden plinth.



"Cyclone" Woven Fabric Fencing, Style "F," erected on wooden posts and rail, with wooden plinth.

Directions for Erecting "CYCLONE" Woven Fabric Fencing

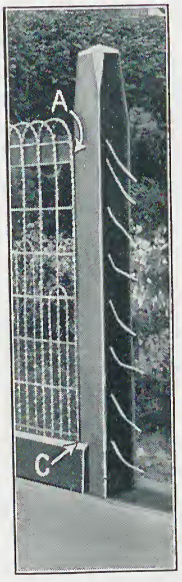


Fig. 1.

STRAINING POSTS.—5" x 5" or 6" x 6", set to a good depth and well strutted.

INTERMEDIATE POSTS.—5" x 3", set back one inch from line of straining posts, and 8 or 9 ft. apart, 8 ft. for preference.

RAILS.—4" x 2", on edge. Flush with face of intermediate posts, and mortised into straining posts 1 in. behind face. **See "A" in Fig. 1.**

PLINTH.—6" x 1½". Place the Plinth flat on face of intermediate posts, and check into straining posts to bring back of Plinth flush with front of top rail. **See "C" in Fig. 1.** The fabric is dropped 1 in. **behind** the Plinth, and stapled to the back thereof.

For 36 in. Fabric leave a space of exactly 2 ft. 10 in. from the top of Plinth to top of rail. This will bring the two cables of your fence nicely along the face of the top rail, as in Fig. 1. For 42 in. Fabric leave a space of 3 ft. 4 in., and for 46 in. Fabric a space of 3 ft. 8 in.

To erect Fabric after the timber work is complete, take a lath and lay it on the roll of Fabric, marking on the lath the spacings of the horizontal wires of the Fabric. From this, mark on the straining posts the places at which to bore the holes to take the wires through for straining purposes, being careful to see that the two top wires come nicely along the face of the top rail. Bore holes in straining posts in a line with the face of the rail, that is, 1 in. from the face of the straining post. Unfasten the roll of Fabric and stand it up against posts; fasten one end by threading the wire through the straining post, pulling the first crimped picket firmly up against the post. This is best done with a pair of pincers, or some such tool. As each wire is pulled up tight, staple it into position.

Fig. 2.

Correct Straining

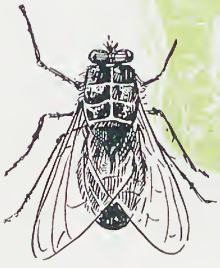
The secret of correct straining of **"Cyclone"** Fencing lies in pulling up each horizontal wire so that the end picket is pulled hard up against the side of the post, and having wires stapled firmly with the picket in this position. To attain this result, drive home staples while the strain on the wire is still kept up. Having securely fixed one end, pull the Fabric as taut as possible by hand, and put a staple here and there, driven just sufficiently far to hold the weight of the wire. Then thread wires through the holes in the straining post at the other end.

If Fabric is too long, cut out unnecessary pickets, then attach strainer "A" and tighten up sufficiently to give a good strain. If more than one strainer is available, put all on together, and tighten up alternately. Plug up by inserting a small wooden plug in the hole alongside of wire, and drive it firmly, so that when the strainer is removed the wire will not slip back. Remove strainer, and then fasten wire with staples, then cut off plug flush with face of post, but do not cut ends of wire yet, as it may be necessary again to attach strainer.

Repeat this with each wire until all Fabric is drawn tight and each picket in fence is quite plumb. If the pickets at intermediate posts are cut off just below the bottom horizontal wire, the end of the remaining pickets can be easily put down behind the Plinth, and held there with a few staples. Sight along top of fence before finally stapling up to see that you have a nice true line.

When straining Fabric on sloping ground, always strain **up hill.**

The Fly . . A PROVED MENACE to Public Health

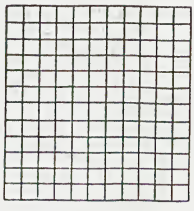


EXCLUDE the disease-bearing fly from your home with wire screens, but do not be deluded into buying inferior screen cloth. When fitting screens or wire doors, use **"Cyclone" Wire Cloth,** which is of the very highest grade only.

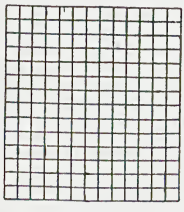
"Zincoid" is the name given to electro-plated steel wire cloth manufactured by us. This is woven in three meshes, viz., 12, 14 and 16 to the inch, and in four gauges, viz., 33, 28, 26 and 24. The 12 mesh 33 gauge cloth, which is the type most commonly used, is made in the following widths:—10", 13", 16", 18", 20", 22", 24", 25½", 26", 27½", 28", 29½", 30", 32", 34", 36", 42", 48". ZINCOID quality is also made in HEAVY GAUGES, viz., 28, 26 and 24, in widths of 24", 30", 36", and 42".

"Cyclone" Bronze Wire Cloth is a high-grade produce woven from a special alloy particularly resistant to rust and corrosion, and is recommended for use in seaside and tropical localities. This is made in two meshes, viz., 14 and 18, the 14 mesh cloth being woven in the following widths:—18", 24", 26", 28", 30", 32", 36", 42", and 48". The 18 mesh cloth is woven in widths of 24", 30", and 36".

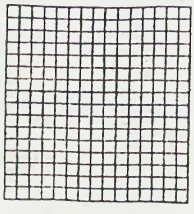
BUY YOUR WIRE CLOTH FROM YOUR LOCAL STOREKEEPER.



12 MESH



14 MESH



16 MESH

HEALTHY RECREATION
"Cyclone"
PLAYGROUND EQUIPMENT

"CYCLONE" PLAYGROUND EQUIPMENT is the ideal medium for providing healthy recreation for children. Installed in Municipal Playgrounds, School Grounds, or in the grounds of private homes, it helps to keep children safe, happy, and healthy. Each unit of "CYCLONE" PLAYGROUND EQUIPMENT is electrically welded into one solid whole, and as a result, is practically everlasting, and cannot be damaged even by the roughest of usage.

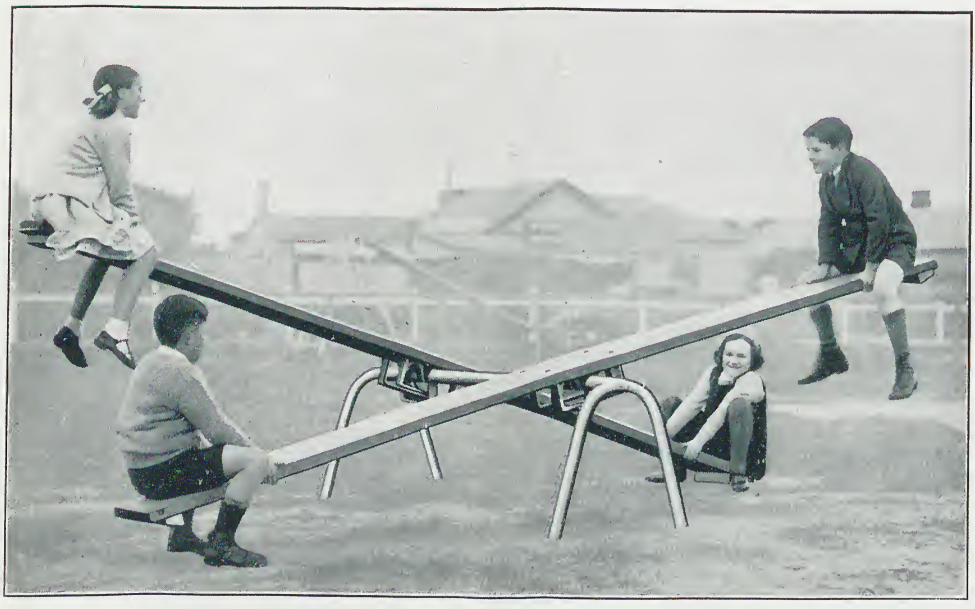
SWINGING BOAT—For specification, see page 71.

DOUBLE SWING—For specification, see page 71.

SLIDE—For specification, see page 71.

HORIZONTAL LADDER—For specification, see page 71.

OCEAN WAVE—For specification, see page 71.



DOUBLE SEE-SAW—For specification, see page 71.

GIANT STRIDE—For specification, see page 71.

LOG SWING—For specification, see page 71.

GYMNASTIC COMBINATION—For specification, see page 72.

ROCKER BOARD—For specification, see page 72.

MERRY-GO-ROUND—For specification, see page 72.

JOY WHEEL—For specification, see page 72.

CLIMBING TOWER—For specification, see page 72.

NURSERY SWING—For specification, see page 72.

ROCKER BOAT—For specification, see page 72.

CLIMBING FRAME—For specification, see page 72.

ROCKER SEAT—For specification, see page 72.

THE KIDDIES' COLT—For specification, see page 72.

Specifications . . .

of Playground Equipment

SWINGING BOAT (Page 62)

Frame of 1⅞ in. galvanised steel tube; 6 ft. 3 in. high, 7 ft. 3 in. long, 4 ft. wide at ground level. Swinging supports are of 1 in. galvanised solid rod, securely fixed to hangers. Seat framework is of ½ in. galvanised pipe. Seats and platform are of wood 1 in. thick, and painted two coats. This unit accommodates four children.

DOUBLE SWING (Page 62)

Horizontal cross bar is 2½ in. galvanised steel tube, 10 ft. above ground when swing is erected. Uprights and stays are 1⅞ in. galvanised steel tube, set 2 ft. in concrete. Chains are galvanised and are suspended from ball-bearing clamps. The seats are 1½ in. dressed hardwood 21 in. x 9 in., with metal cleats.

SLIDE (Page 63)

14 ft. long, 8 ft. high at highest end. Main supports are 1⅞ in. and 1⅝ in. galvanised steel tube, and stays of 1⅜ in. tube. The ladder has 1⅛ in. galvanised steel tube side members with ⅞ in. rungs. Slide is 18 in. wide, of 10 gauge sheet iron, with side supports of 1⅞ in. tube; the whole electrically welded together, forming practically one solid unit. No wood used.

HORIZONTAL LADDER (Page 63)

The uprights and main horizontal bars are of 2½ in. galvanised steel tube, and the rungs are of 1⅛ in. galvanised steel tube electrically welded to the side members. When erected the ladder is 6 ft. high and 16 ft. long.

OCEAN WAVE (Page 64)

Centre pole is 4½ in. galvanised steel tube set 4 ft. in concrete; 11 ft. in height and 11 ft. 6 in. in diameter; height of platform when at rest, 24 in. Top fitting is a non-removable ball-bearing ball and socket head. When inner edge of circular platform touches rotating bumper wheel on main support, platform clears ground by about 8 in. This also protects post from the cutting action of platform, and cushions shock of impact. The ten suspension bars are 1½ in. x ½ in. iron, and hand rail is ⅞ in. galvanised tube. Platform boards 8 in. x 1½ in. seasoned hardwood, painted two coats of green or other colour as desired.

DOUBLE SEE-SAW (Page 64)

The top bar is of 2½ in. galvanised steel tube 6 ft. long. The supports at each end are of 2 in. galvanised steel tube set 2 ft. in concrete, the height from the ground when erected being 2 ft. 3 in. The boards are of 2 in. timber, 12 ft. long by 12 in. wide, dressed all round and painted two coats, and have adjustable racks and special guard to prevent removal.

GIANT STRIDE (Page 65)

Centre pole is 4½ in. galvanised steel tube, 12 ft. high, set 4 ft. in concrete, fitted at the top with a ball-bearing non-removable ball and socket head carrying eight chains.

LOG SWING (Page 65)

Frame of 1⅞" galvanised steel tube; 6 ft. high, 6 ft. long, 3 ft. 3 in. wide at top, tapering to 4 ft. 9 in. at ground level. Swinging portion of 1 in. galvanised solid rod, 2 ft. wide, securely fixed to hangers, yet having a free swinging movement. Board is 12 in. wide, 2 in. thick, and 9 ft. long, dressed all round and painted two coats.

Specifications of Playground Equipment

(Continued)

GYMNASTIC COMBINATION (Page 66)

Legs and centre supports of 1⅞ in. galvanised pipe. Top cross bar, climbing pole, trapeze and horizontal bar of 1⅝ in. galvanised pipe. 1¼ in. x ¼ in. galvanised chain is used for the trapeze and Jacob's ladder. Rungs of ladder are ⅞ in. galvanised pipe welded to chain. Unit is 14 ft. 6 in. wide, and when erected top bar is 10 ft. from ground level.

ROCKER BOARD (Page 66)

Metal framework is of 1⅜ in. galvanised steel tube. Board of seasoned hardwood 8 ft. long, 8 in. wide and 1½ in. thick.

MERRY-GO-ROUND (Page 67)

Diameter 10 ft. Framework is 1⅝ in. steel tube electrically welded together, and secured to a ball-bearing central housing which revolves on a steel spindle 2¾ in. in diameter. Spindle is mounted on a steel base, with provision for bolting into concrete. Floor is of 5¼ in. x ¾ in. T. & G. hardwood, all joints sealed, and painted three coats. Hand rails are of 1 in. galvanised tube, 30 in. high, and are bolted through floor to framework.

JOY WHEEL (Page 67)

Diameter of wheel is 10 ft. The framework is 1⅝ in. galvanised steel tube, electrically welded together and secured to a ball-bearing central housing which revolves on a steel spindle 2¾ in. in diameter. Spindle is mounted on a steel base, with provision for bolting into concrete.

CLIMBING TOWER (Page 68)

Perpendicular supports of 1⅛ in. galvanised pipe. Diagonal stays of 1⅜ in. galvanised pipe. Ladder rungs of ⅞ in. galvanised pipe. When erected, unit is 6 ft. 6 in. x 6 ft. 6 in. at ground level, 7 ft. 6 in. to top of tower. Central tower is 1 ft. 6 in. x 1 ft. 6 in.

NURSERY SWING (Page 68)

6 ft. 6 in. high, 6 ft. wide, with a 9 ft. base. Top horizontal bar and supports are of 1⅝ in. galvanised steel tube, and horizontal bars at base are of 1⅜ in. galvanised steel tube. The supports are made of sufficient length to enable them to be set in concrete. The seat frames and swings are of ½ in. steel rod and hooked at top into swinging sockets. Seats are of 1 in. oregon, 15 in. wide, 10 in. deep, set to hang 14 in. above ground line.

ROCKER BOAT (Page 69)

Length, 5 ft. 2 in.; width, 3 ft. Seating accommodation for six children. Main framework of 1⅛ in. steel tube, remainder of ⅞ in. steel tube.

CLIMBING FRAME (Page 69)

Arched framework is of 1⅜ in. galvanised steel tube, and when set in concrete top is 6 ft. high from the ground level. Base is 6 ft. wide and depth is 7 in. 2 in. x 1 in. seasoned hardwood timber is bolted to framework at intervals of 15 in.

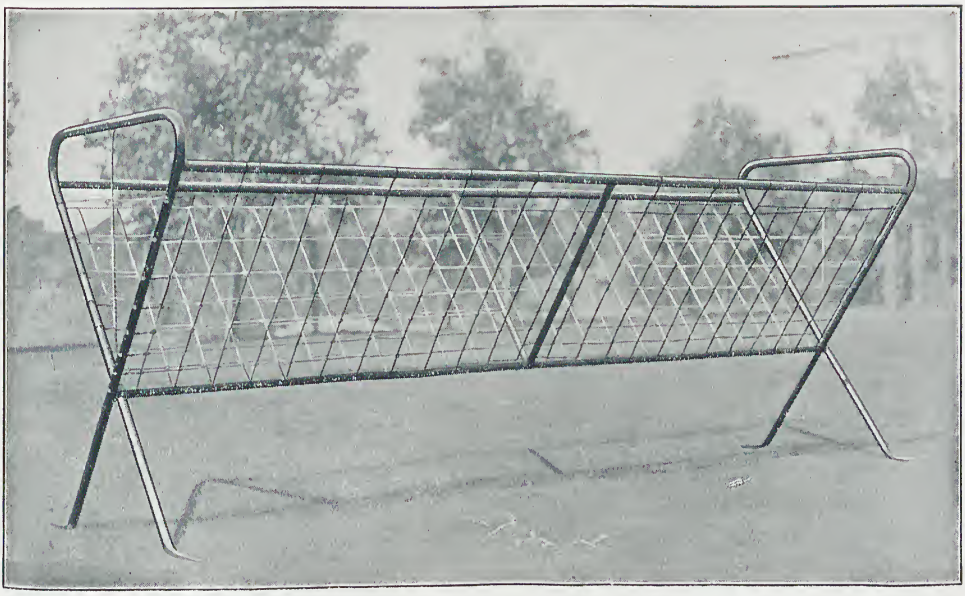
ROCKER SEAT (Page 70)

Frame of ⅝ in. steel tube painted aluminium. Seat is of wood 1 in. thick, painted two coats. Suitable for a child from 2 years to 6 years old.

KIDDIES' COLT (Page 70)

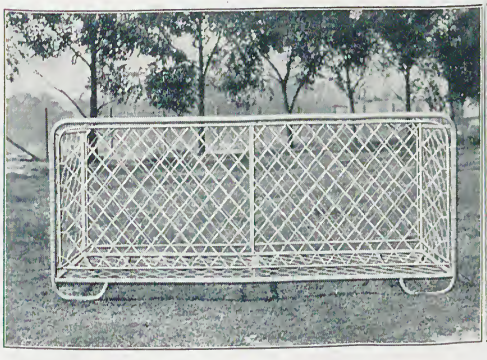
Base of 1 in. pipe. Seat and horse's head are of wood, fixed to strong spring steel 1½ in. x ¼ in. Suitable for a child from 2 years to 5 years old.

"WILSON" STOCK FEEDER

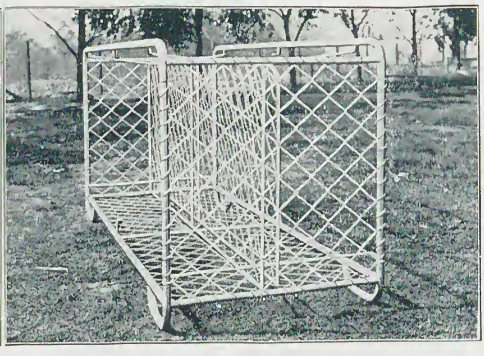


The "Wilson" Stock Feeder, for feeding hay or green feed to sheep. Saves time and prevents waste. **Dimensions: 12 ft.** long, **3 ft. 6 in.** wide at top, **3 ft.** high, bottom bar **18 in.** from ground. Made of 1⅜ in. tube electrically welded together.

"MULLANA" HAY FEEDER



Feeder ready to be filled with hay.



Feeder with sides collapsed after hay has been consumed.

The "Mullana" Hay Feeder is of all-metal construction. The sides are covered with 4 in. mesh chain netting and are movable in an inward direction with guides which hold them in position both top and bottom.

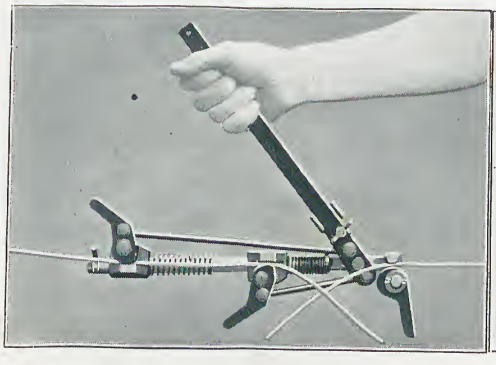
When the container is full of hay the weight of the fodder presses the sides outwards, and as stock draws the feed out through the meshes and the pressure of the hay decreases, the stock press the sides inwards until they are able to eat practically every straw from the container.

By the use of the **"Mullana" Hay Feeder,** waste is entirely eliminated, and, as sheep can only get their noses through the mesh, grass seeds do not enter their eyes or wool.

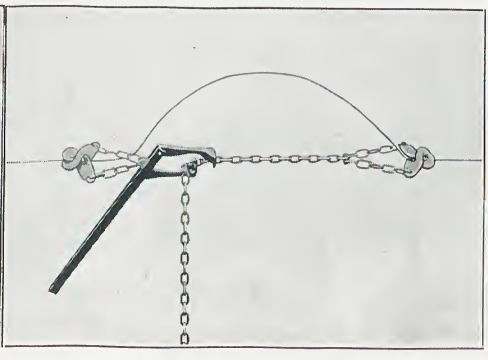
DOUBLE DECK STOCK TRANSPORT

The Transport illustrated is **24 ft.** long, **7 ft. 6 in.** wide, and **5 ft. 9 in.** high, and will hold from **160** to **170 sheep**. Can be built to fit any sized truck. Full particulars on application.

"CYCLONE" WIRE STRAINERS



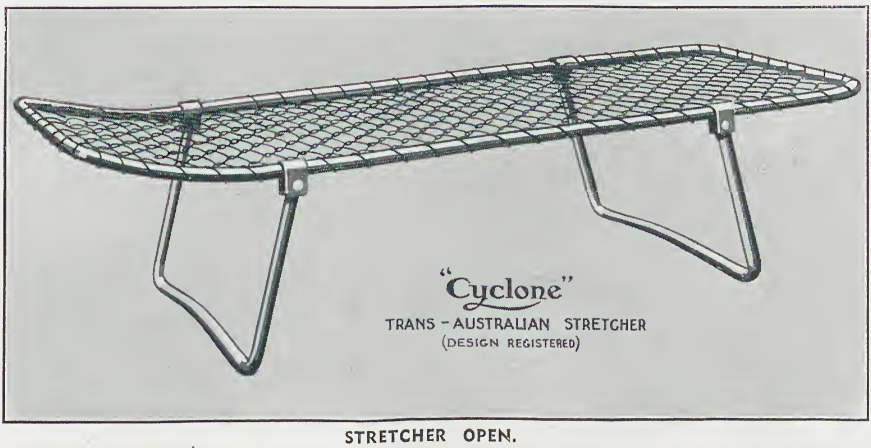
"LOCK-TIGHT" STRAINER.



"TIGHT-GRIP" STRAINER.

Both of these Strainers are simple to operate and 100 % effective. **They can be used on all gauges of fencing wire, including barbed wire,** and their use does not kink or in any way damage the wire. Loose wires can be strained up irrespective of their position in the fence. Full directions for use are supplied with every Strainer sent out.

"CYCLONE" Trans-Australian Stretcher



STRETCHER OPEN.

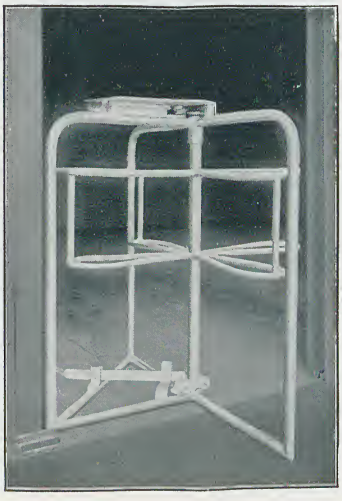
STRETCHER CLOSED.

The **"Cyclone" Trans-Australian Stretcher** is all metal, hygienic, and exceptionally strong. Specially adapted for **station** and **farm sleeping quarters.** Hotel and Boarding House proprietors also find them a boon, as the legs can easily be folded when the Stretcher is not in use, and the Stretcher can be stored without occupying much space. The frame is of ¾ in. tubular steel, covered with "Cyclone" rust-proof chain wire of No. 10 gauge and 2 in. mesh. Size, 2 ft. 6 in. x 6 ft. 6 in. They cannot **sag, break or burn.**

TURNSTILES

These illustrations show two types of Turnstiles.

The one on **the right,** erected at the entrance to a sports ground, is a **Recording Turnstile.** The other on **the left** is of the **Non-Recording** type, and revolves both ways.



"CYCLONE" Split Pipe Clips

All sizes of pipe referred to on this page are internal measurements. Obtainable in **Galvanised** and **Black Metal,** and made in the following sizes:—

½" x ½"	1" x 1¼"	1½" x 1¼"	1" x 2"	1¼" x 3"
¾" x ¾"	1¼" x 1"	1" x 1½"	1¼" x 2"	1½" x 1½"
¾" x 1"	1¼" x 1¼"	1½" x 1"	2" x 1¼"	1½" x 2"
1" x 1"	1¼" x 1½"	¾" x 2"	1" x 3"	2" x 1½"
				2" x 2"

The illustration on the right clearly shows the method by which the clips are measured. To ensure that your requirements are correctly supplied, we suggest that a rough sketch be submitted, showing the sizes of the pipes and the positions they are to occupy.

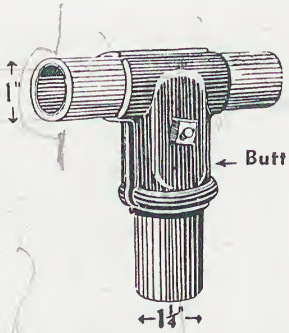
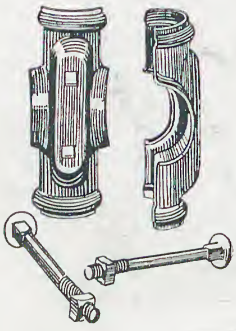


Illustration of a 1¼" x 1" Clip in position. The butt measurement of the clip is always mentioned first, as 1¼" x 1".

"CYCLONE" SPLIT PIPE CROSSES

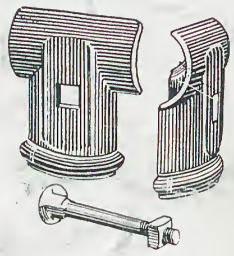
Obtainable **Galvanised** or **Ungalvanised,** and made only in the following sizes:—

¾" x ¾" x ¾"	¾" x 1¼" x ¾"	¾" x 1½" x ¾"	1½" x 1½" x 1½"
¾" x 1" x ¾"	1" x 1¼" x 1"	1" x 1½" x 1"	1" x 2" x 1"
1" x 1" x 1"	1¼" x 1¼" x 1¼"	1¼" x 1½" x 1¼"	1¼" x 2" x 1¼"
			1" x 3" x 1"
			2" x 2" x 2"



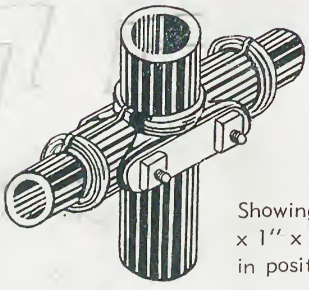
No. 271—

Illustration of **"Cyclone" Split Cross,** showing the various pieces before assembling.

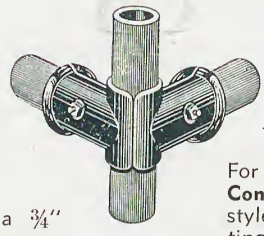


No. 270—

Illustration of **"Cyclone" Split Clip,** showing the various pieces before assembling.



Showing a ¾" x 1" x ¾" cross in position.



"CYCLONE" Pipe Corner Fittings

No. 276. — Obtainable in **Galvanised Metal,** and made only in the following sizes:

1" x 1" x 1"
1" x 1¼" x 1"
1" x 1½" x 1"
1" x 2" x 1"
1¼" x 1¼" x 1¼"

For **Tennis Court Construction** this style of corner fitting will be found highly efficient.

No. 273—

"Cyclone" Ornamental Galvanised Pipe Post. Made in any length and obtainable in 1¼" and 1½" pipe, fitted with Style "A" top welded to post.

No. 273

No. 272—

"Cyclone" Ornamental Galvanised Pipe Post. Made in any length and in any size pipe from 1" to 2", fitted with cap, which is pressed on top of post and is quite firm.

No. 272

No. 274—

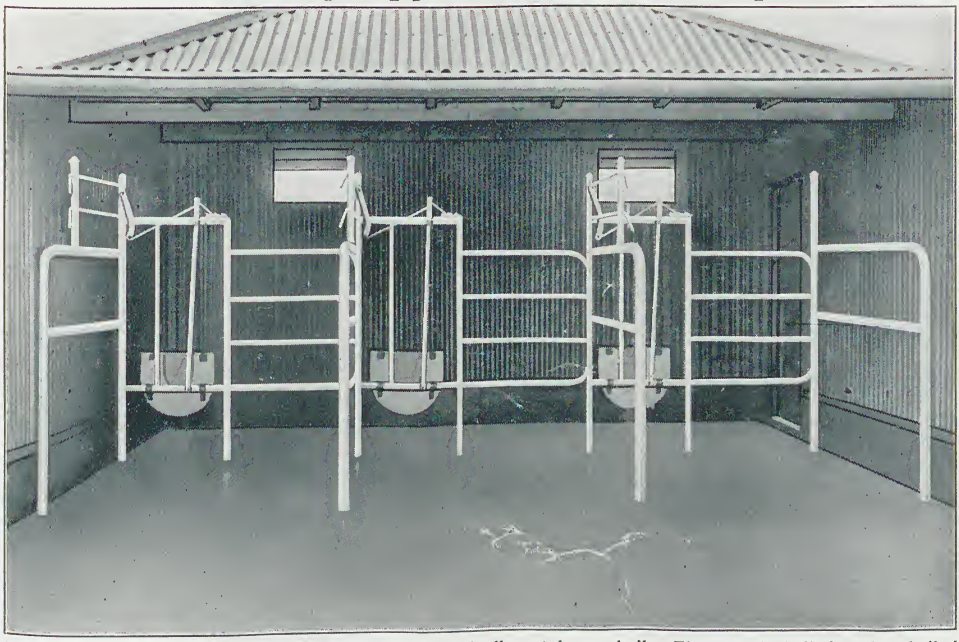
"Cyclone" Ornamental Galvanised Pipe Post. Made in any length and in any size pipe from ¾" to 3", fitted with knob welded to top.

No. 274

Any of the Post Caps shown above can be supplied separately if required.

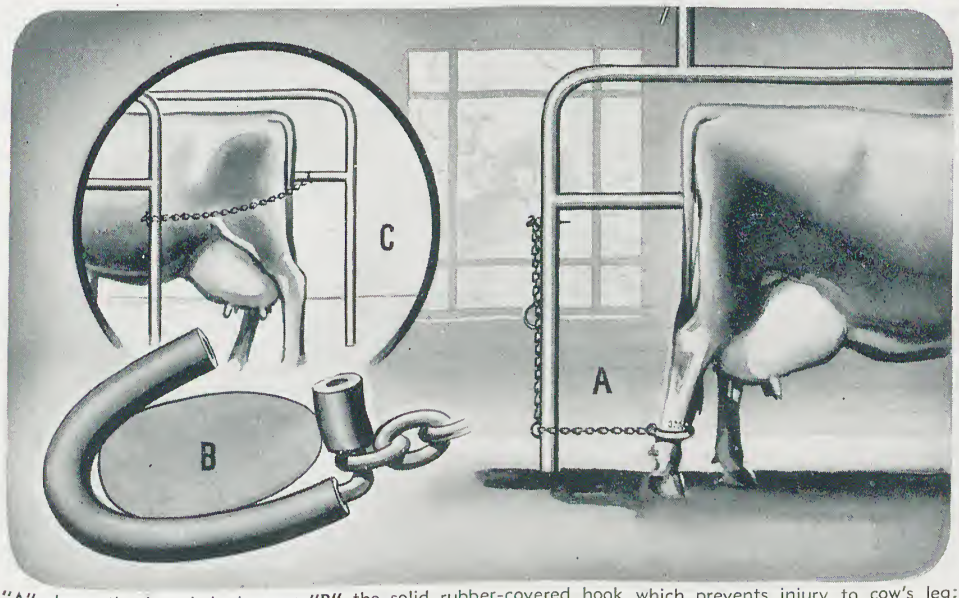
All-Metal Milking Bails

Labour-Saving, Hygienic and Easy to Operate



This is an illustration of a **"Walk-through" type of all metal cow bail. The cow is bailed and unbailed by the simple operation of a lever** at the rear end of the stall. The gate to release the cow is similarly operated. All metal leg ropes and tail clips are provided.

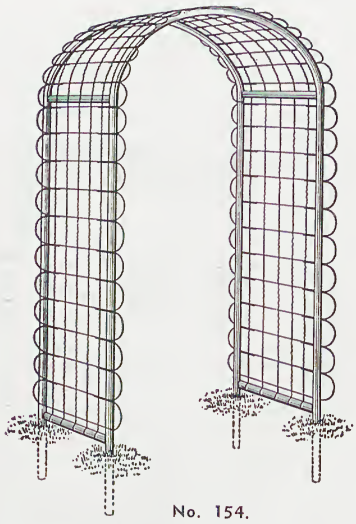
Patent Hygienic Leg Chain and Rump Chain



"A" shows the leg chain in use; "B" the solid rubber-covered hook which prevents injury to cow's leg; "C" rump chain in use.

"CYCLONE" Garden Arches

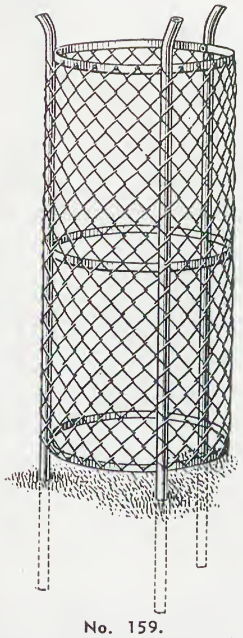
No. 158.



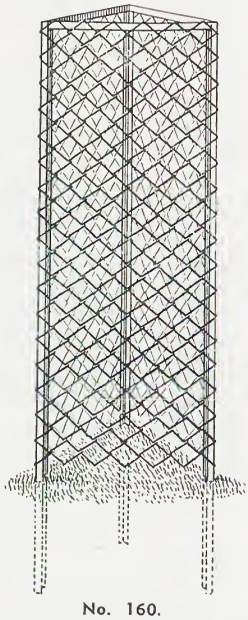
No. 154.

The **"Cyclone" Garden Arches** illustrated are 7 ft. high by 4 ft. wide by 3 ft. deep, but they can be made to any size. Made in 1¼ in. galvanised steel tubing, and covered with Ornamental galvanised wire fabric, they remain perfectly rigid, and are practically everlasting. They enhance the appearance of the garden and are greatly superior to wooden arches.

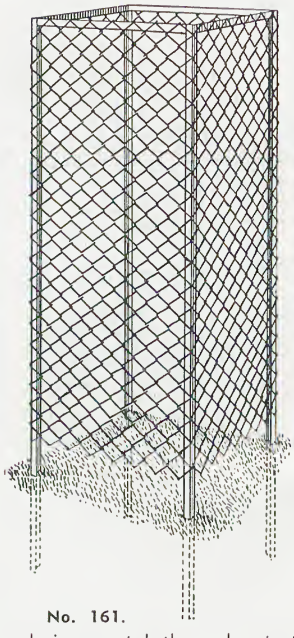
"CYCLONE" Tree Guards



No. 159.



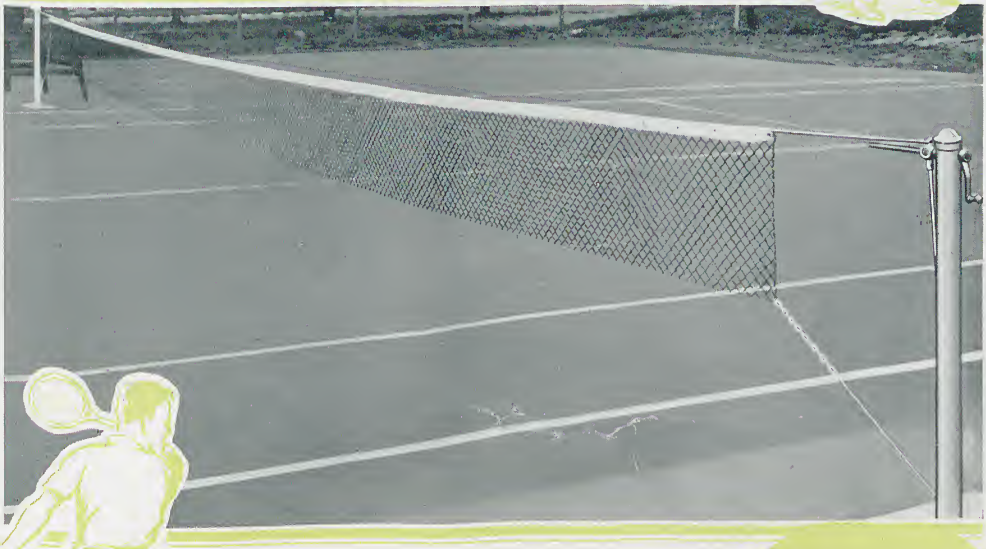
No. 160.



No. 161.

These **Guards** are very suitable for the **protection** of **trees,** as, being metal throughout, they call for no maintenance, and, when the trees outgrow the necessity of protection, the guards can be removed and used again. **No. 159** has a tubular and flat iron frame; **Nos. 160** and **161** have steel posts, fitted with a band of ⅞ in. x ⅛ in. steel. All are covered with "Cyclone" Chain Wire. Can be supplied in any height or diameter required.

The "All Weather" TENNIS NET



The "All Weather" Tennis Net introduces to the Tennis Public a Net with all the playing qualities of a cord net, but possessing certain advantages which will at once appeal to club secretaries and owners of courts, who find it necessary to replace their old cord net at the beginning of a new season.

The "All Weather" Tennis Net measures 38 ft. long by 1 ft. 9 in. deep, and is supplied with Galvanised Chains and Eyes for attaching to ordinary straining gear.

OUTSTANDING FEATURES:

1. It is made from indestructible Chain Wire Mesh.
2. It is finished with Heavy Weight Canvas Top.
3. It costs no more than a reasonably priced string net.
4. It does not damage balls.
5. It can be left out in all weathers without detriment.
6. It is made to last, and will give excellent service for many seasons without requiring any attention whatever.
7. It can be rolled up neatly and is easily handled.

"CYCLONE" TENNIS NET POSTS

"Cyclone" Tennis Net Posts, illustrated at right, are made of 2" steam tube, fitted with winding gear, all ready for setting into concrete. These posts are economical and everlasting.

QUALITY "Cyclone" PRODUCTS

MANUFACTURERS OF THE FOLLOWING "CYCLONE" PRODUCTS

RINGLOCK FENCING • WOVEN FABRIC FENCING • CHAIN WIRE FENCING • FACTORY PROTECTIVE FENCING & GATES • FIELD GATES • DRIVEWAY & HAND GATES • WROUGHT IRON PANELS & BALUSTRADES • WROUGHT IRON GATES • TENNIS COURT ENCLOSURES • MILKING BAILS • SHEEP FEEDERS, STOCK TRANSPORTS • MACHINERY GUARDS • SHOP FRONT GUARDS • PLAYGROUND EQUIPMENT • CRIMPED WIRE DROPPERS • "KING-LOC" DROPPERS • COLLAPSIBLE STRETCHERS • GARDEN ARCHES • TREE GUARDS • STEEL FENCING POSTS • ZINCOID FLY WIRE • BRONZE FLY WIRE • WIRE STRAINERS • TENNIS NETS AND POSTS.

WE ARE ALSO DISTRIBUTORS OF

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